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LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs)

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NO BAKER AFB GERMANY (U) AIR FORCE ENVIRONMENTAL

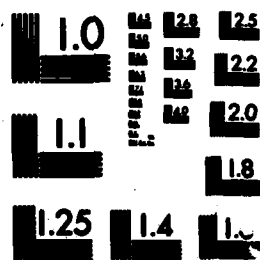
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 87

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DL 109711

USAFETAC/DS-87/068

**OPERATING LOCATION - A**  
**USAFETAC**  
**Air Weather Service (MAC)**



**"LIMITED SURFACE OBSERVATIONS"**  
**CLIMATIC SUMMARY "LISOCs"**

BO BAKER AAF GERMANY

MSC #109711

N 47 46

E 011 36

ELEV 2350 FT

EDOV

PARTS 1 - 5 HOURS SUMMARIZED: 0600 - 2100 LST

**PERIOD OF RECORD:**

HOURLY OBSERVATIONS: NOV 76 - OCT 86

SUMMARY OF DAY DATA: SEP 64 - FEB 65

JUN 66 - OCT 86

NOV 87

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REPORT DOCUMENTATION PAGE

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- 19 Abstract: A statistical data summary of surface weather observation climatology: Ft. Baker AAF Germany. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use. ←
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**REVIEW AND APPROVAL STATEMENT**

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGHMANN

Scientific and Technical Information Program Manager

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NUMBER: 109711 STATION NAME: BO DAKEN AAF GERMANY

CALL ID: NONE AVAILABLE

PERIOD OF RECORD:

HOURS SUMMARIZED: 0500 - 11

HOURLY OBSERVATIONS: NOV 76 - OCT 86

SUMMARY OF DAY DATA: SEP 84 - OCT 86

TIME CONVERSION LST TO GMT: -1

DATE PRODUCED: 5 OCT 87

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OL-A/USAFETAC/HAC/AWS  
ASHEVILLE NC 28601

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WHO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

AMS NO. NO.	NAME OF STATION	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER			
109711	BAKER ARMY AIRFIELD, DL	47 46 N	011 36 E	2350	EDOV	10971			
CHG NO.	GEOGRAPHICAL LOCATION AND NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT BARO	
1	Bad Teles, GERMANY	AAF	Sep 64	Feb 66	47 46 N	011 36 E	2360	2359	9-14
2	No Change	AAF	Mar 66	Jun 66	sams	sams	sams	2351	14
3	No Change	AAF	Jul 66	Feb 68	sams	sams	sams	2354	17
4	No Change	AAF	Mar 68	Dec 70	sams	sams	sams	2353	13-17
5	No Change	AAF	Jan 71	Oct 76	sams	sams	sams	sams	14
6	No Change	AAF	Nov 76	Nov 80	sams	sams	2350	2354	0-14
7	No Change	AAF	Dec 80	Jul 81	sams	sams	sams	sams	14
8	Col A J "Bo" Baker AAF, DL	AAF	Jul 81	Jul 84	sams	sams	sams	sams	14
9	Baker AAF, DL	AAF	Jul 84	Oct 86	sams	sams	sams	sams	14

CHG NO.	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 64-Feb 65	Location on top of Ops Bldg	AN/GMO-11	None	46ft	
2	Mar 65-Feb 66	sams	sams	none	76ft	
3	Mar 66-Feb 68	Located on top of Control Twr	sams	none	79ft	
4	Mar 68-Dec 70	sams	sams	none	50ft	
5	Jan 71-Oct 76	sams	sams	none	50ft	
6	Nov 76-Mar 83	Located midpoint Rwy 03/21	AN/GMO-11	RO-362	10ft	

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## WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

### WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

### DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET: SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAUL: ALL REPORTED HAUL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

### NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AUS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AUS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JAN

HOURS (LST)	TSTHS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBSY TO VISION	TOTAL OBS
CC-02												
C3-05												
C6-08		5.3	.6	21.7		27.1	16.8				16.8	531
C9-11		3.9	.7	26.2		30.7	12.0	.2			12.2	541
12-14		6.0		24.8		30.6	8.7	1.0			9.7	484
15-17		8.5		22.9		29.5	11.2	1.6			12.8	376
18-20		8.5		22.3		28.7	19.1				19.1	94
21-23												
TOTALS		6.4	.3	23.6		29.3	13.6	.6			14.1	2026

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: FEB

HOURS (LST)	TSTHS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBSY TO VISION	TOTAL OBS
CC-02												
C3-05							11.1				11.1	9
C6-08		7.5	.6	18.5		26.2	30.9	.2			31.1	534
C9-11		4.9		21.3		24.7	22.4	3.0			25.4	531
12-14		5.6		20.3		25.2	17.2	10.5			27.8	493
15-17		5.6	.8	20.3		26.3	13.8	13.0			26.8	354
18-20		3.9	1.0	16.5		21.4	18.4	9.7			28.2	103
21-23												
TOTALS		4.6	.4	16.1		20.6	19.0	6.1			25.1	2024



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAR

HOURS (LST)	TSTNS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	WAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
CC-02												
03-05		9.5		9.5		14.3	19.0				19.0	21
06-08		9.7		14.7		23.0	24.5	.7			25.2	579
09-11		8.3	.3	14.8		22.4	16.0	4.7			20.7	575
12-14		8.7		13.2	.2	20.7	12.0	9.8			21.8	551
15-17		8.0		11.3		18.1	12.1	11.6			23.6	398
18-20		9.3		12.1		19.6	10.3	9.3			19.6	107
21-23												
TOTALS		8.9	.1	12.6	.0	19.7	15.7	6.0			21.7	2231

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: APR

HOURS (LST)	TSTNS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	WAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
CC-02												
03-05		10.0		16.2		25.4	23.8				23.8	130
06-08		10.6		20.4		28.9	16.1				16.1	539
09-11		11.5		16.4		25.9	8.8	1.3			10.2	532
12-14	.2	12.1		14.6	.4	24.9	4.3	5.7			9.9	494
15-17	.4	13.5		13.2		26.3	4.1	5.6			9.8	266
18-20		24.6		12.0		36.0	2.0	6.0			8.0	50
21-23												
TOTALS	.1	13.7		15.5	.1	27.5	9.9	3.1			13.0	2011

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAY

HOURS (LST)	TSYS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
CC-02												
C3-05		19.2		.7		19.9	15.8				15.8	146
C6-08	.3	22.1		2.1		24.0	12.1	.3			12.4	579
C9-11		17.3		1.9		19.1	5.8	2.6			8.4	572
12-14	1.4	21.2		1.6		22.5	1.2	4.5			5.7	561
15-17	3.6	19.6		.3	.7	20.6	2.3	2.6			4.9	306
18-20	6.8	19.3				19.3						57
21-23												
TOTALS	2.4	19.8		1.1	.1	20.9	6.2	1.7			7.9	2221

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUN

HOURS (LST)	TSYS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
CC-02												
C3-05		16.2				14.2	19.1				19.1	141
C6-08	1.2	21.4				21.4	9.5	.5			10.0	571
C9-11	1.8	19.7				19.7	3.3	2.8			6.1	543
12-14	2.3	17.7				17.7	1.6	2.1			3.7	514
15-17	2.5	21.3				21.3	2.2	3.4			5.6	319
18-20	4.3	18.6				18.8	2.9	1.4			4.3	69
21-23												
TOTALS	2.0	18.9				18.9	6.4	1.7			8.1	2157

GLOBAL CLIMATOLOGY BRANCH  
 USSFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
 MONTH: JUL

POURS (LST)	TSTMS	RAIN L/OR DRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
01-02												
03-05	1.4	10.3				10.3	17.9				17.9	145
06-08	.7	14.7				14.7	9.1	.4			9.4	563
09-11	.4	13.2				13.2	3.1	2.9			6.0	546
12-14	1.8	15.4				15.4	.2	3.7			3.9	508
15-17	3.7	14.3			.3	14.6	.8	1.9			2.6	378
18-20	10.8	18.1				18.1		1.2			1.2	83
21-23												
TOTALS	3.1	14.3			.1	14.4	5.2	1.7			6.8	2223

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
 MONTH: AUG

POURS (LST)	TSTMS	RAIN L/OR DRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
01-02												
03-05	1.4	14.3				14.3	31.3	.7			32.0	147
06-08		20.0				20.0	19.0	1.1			20.9	560
09-11	.9	14.3				14.3	8.9	5.1			13.9	531
12-14	2.7	13.6				13.6	5.4	4.6			10.0	521
15-17	5.0	16.2				16.2	2.1	7.1			9.1	339
18-20	4.2	22.5				22.5	5.6	2.8			8.5	71
21-23												
TOTALS	2.4	16.8				16.8	12.2	3.6			15.7	2169

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAJL	% OBS WITH PRECIP	FOG	SPOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05		14.6				14.6	38.7	.7			39.4	137
06-08		10.1				10.1	25.1	.4			25.5	557
09-11	.2	17.2				17.2	13.2	3.1			16.3	551
12-14		14.5			.2	14.7	7.2	6.4			13.5	517
15-17	.8	12.6				12.6	7.9	7.0			14.9	356
18-20	2.8	9.9				9.9	7.0	2.8			9.9	71
21-23												
TOTALS	.6	14.5			.0	14.5	16.5	3.4			19.9	2189

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAJL	% OBS WITH PRECIP	FOG	SPOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												1
06-08		13.0	.2	.7		13.9	25.5				25.5	546
09-11		12.4		1.3		13.5	10.6	.6			19.2	526
12-14		10.3		1.2		11.5	13.4	2.5			16.0	514
15-17	.3	8.9		1.6		10.5	13.4	3.4			16.6	381
18-20	1.1	10.0		2.2		12.2	17.8	1.1			18.9	90
21-23												
TOTALS	.2	9.1	.0	1.2		10.3	14.8	1.3			16.1	2058

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: NOV

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
CC-02												
C3-05												
C6-08		7.6	.2	14.3		20.7	23.0	.2			23.2	512
C9-11		9.1		16.3		24.7	16.9				16.9	497
12-14		9.2		14.4		23.0	16.6	1.2			17.9	487
15-17		15.0	.5	11.9		26.9	17.0	.8			17.8	394
18-20		14.2		9.4		23.6	20.8				20.8	106
21-23												
TOTALS		11.6	.1	13.3		23.8	18.9	.4			19.3	1996

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: DEC

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
CC-02												
C3-C5												
C6-08		7.6	.2	18.9		24.7	19.7				19.7	503
C9-11		6.5	.2	17.5		22.3	10.1				10.1	555
12-14		7.3	.4	15.1		22.0	11.2	.2			11.4	509
15-17		7.2	.5	13.7		21.2	15.8	.3			16.1	373
18-20		5.5	1.4	11.0		17.8	21.5				21.5	73
21-23												
TOTALS		6.9	.5	15.2		21.6	17.7	.1			17.8	2013

GLOBAL CLIMATOLOGY BRANCH  
USAFCTAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-86  
MONTH: ALL

HOURS (LST)	TSMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/LOST TO VISION	TOTAL OBS
JAN ALL		6.4	.3	23.6		29.3	13.6	.6			14.1	2026
FEB		4.6	.4	16.1		20.6	19.0	6.1			25.1	2024
MAR		8.9	.1	12.6	.0	19.7	15.7	6.0			21.7	2231
APR		.1	13.7	15.5	.1	27.9	9.9	3.1			13.0	2011
MAY		2.4	19.6	1.1	.1	20.9	6.2	1.7			7.9	2221
JUN		2.0	18.9			18.9	6.4	1.7			8.1	2157
JUL		3.1	14.3		.1	14.4	5.2	1.7			6.8	2223
AUG		2.4	16.8			16.8	12.2	3.6			15.7	2169
SEP		.6	14.5		.0	14.5	16.5	3.4			19.9	2189
OCT		.2	9.1	.0	1.2	10.3	14.8	1.3			16.1	2058
NOV			11.0	.1	13.3	23.8	18.9	.4			19.3	1996
DEC			6.9	.5	15.2	21.6	17.7	.1			17.8	2013
TOTALS		.9	12.1	.1	8.2	.0	19.9	13.0	2.5		15.5	25318

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SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.



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**BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS**

**DATA DERIVED FROM HOURLY DATA.**

**PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.**

**PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.**

**DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..**

**A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.**

**A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.**

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM POLARLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: DO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JAN HOURS: 1517-0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.2	.2									.6	4.2
NNE	.6											.6	1.7
NE	.9	.2										1.1	2.8
NNE	1.3	.8	.4	.2								2.6	4.6
E	3.0	.8	.9	.4								4.9	4.5
ESE	1.7											1.7	1.5
SE	1.7	.4										1.7	2.4
SSE	3.0	.4										3.4	2.1
S	2.1	2.6	.2									4.9	3.7
SSW	1.5	3.4	1.1	.8								6.8	5.8
SW	1.7	3.6	2.1	.2								7.5	5.7
WSW	2.1	2.8	4.0	1.7	.4							10.5	7.8
W	.4	2.4	4.5	4.1	.2							12.2	9.2
WNW	1.1	1.7	.6									3.4	4.5
NW	.4	.9	.2	.2								1.7	5.2
NNW	.4	.2	.2									.8	3.5
VARIABLE		.2	.2	.2								1.1	12.0
COLP	////////////////////											34.5	////
TOTALS	22.2	28.2	14.5	7.5	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 431

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JAN MONTH(S): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2											.2	2.0
NNE	.6	.4										.9	3.0
NE	.4	.2		.2								.7	5.0
ENE	1.5	.4	.7									2.6	4.4
E	3.1	.7	1.5	.6								5.9	4.7
ESE	1.5	.2										1.7	1.5
SE	2.0											2.0	1.0
SSE	1.1	.2										1.3	2.4
S	1.5	1.5	.2	.2								3.3	4.2
SSW	2.0	2.0	3.1	.6								8.5	6.1
SW	.9	3.5	1.5	.2								6.1	5.5
WSW	.4	3.3	3.9	.6								8.1	7.0
W	1.8	3.5	6.1	3.2	.7	.4						15.9	8.7
WNW	.7	1.8	.9	.4	.2							4.1	6.5
NW	.2	.5										1.1	3.8
NNW	.7	.6		.2								1.5	4.1
VARIABLE			.9	1.1	.2							2.2	12.2
CALP	////////////////////											33.0	////
TOTALS	18.7	20.0	18.9	7.2	1.1	.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 541

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.0										.0	2.1
NNE	.2	.2	.4								1.4	5.1
NE	.2	.2	.2								1.2	4.5
ENE	1.0	.2	.4	.2							2.5	4.0
E	2.3	1.7	1.7	.2							5.0	5.3
ESE	.4	.2									.8	2.8
SE	.4	.2									1.0	1.8
SSE	.4										.6	1.7
S	2.1	.4	1.0	.4							3.9	4.8
SSW	.0	2.3	1.7	.2							5.0	6.1
SW	1.2	3.5	1.9	.2							7.2	5.7
WSW	.6	3.1	4.5	1.4	.2						9.9	8.0
W	3.5	4.8	6.6	4.8	.2						19.8	7.7
WNW	1.0	1.2	1.0	1.0							4.3	6.5
WW	1.0	.4	.2	.4							2.1	5.4
NNW	.4	.6	.4								1.4	4.7
VARIABLE			.0	1.2	.2						2.3	11.5
CLIP	////////////////////										29.8	////
TOTALS	17.4	21.2	20.9	10.1	.6						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 484

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: DO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 82-86  
MONTH: JAN HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.2									.8	2.7
NNE	.3	.5	.3								1.1	4.8
NE	.8	.8	.3								1.9	3.5
ENE	1.9	2.7	.3								4.8	3.8
E	1.9	4.0	.8								6.6	4.7
ESE	.3		.3								.5	5.0
SE												
SSE	.8										.8	1.7
S	1.9	.5	.8	.3							3.5	4.7
SSW	1.6	2.4	1.6								5.6	5.3
SW	1.6	3.2	1.9	.2							6.9	5.3
WSW	.8	4.2	3.7	1.1							9.8	6.8
W	2.7	6.1	9.0	2.4							20.2	7.3
WNW	1.1	2.1	2.1	.5							5.9	6.8
NW	1.1	.5									1.6	3.2
NNW	.3	.2									.5	2.5
VARIABLE			1.1	.3							1.3	9.6
CALP	////////////////////////////////////										28.2	////
TOTALS	17.2	27.7	22.1	4.8							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 376

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM MOIRLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,82-85  
MONTH: JAN HOURS(LST): 1800-2000

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 94

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.1	.0									.5	2.5
NNE	.4	.4	.1									.9	4.0
NE	.4	.5	.1	.0								1.3	3.5
ENE	1.4	1.0	.4	.1								3.0	4.3
E	2.8	1.6	1.2	.2								5.9	4.7
ESE	1.0	.1	.0									1.2	2.3
SE	1.1	.1										1.2	2.0
SSE	1.5	.1										1.6	2.1
S	2.0	1.2	.5	.2								4.0	4.2
SSW	1.5	2.7	1.9	.4								6.5	5.0
SW	1.2	3.7	1.8	.2								7.0	5.6
WSW	.5	3.4	4.0	1.0	.2							9.5	7.4
W	2.2	4.0	6.6	3.7	.3	.1						17.0	8.1
WNW	.5	1.7	1.0	.4	.0							4.2	6.2
NW	.6	.7	.1	.1								1.5	4.7
NNW	.4	.4	.2	.0								1.1	4.2
VARIABLE		.0	.7	.5	.1							1.7	11.7
CALP	////////////////////											31.7	////
TOTALS	19.2	22.0	18.9	7.5	.6	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 2026



PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 80  
MONTH: FEB HOURS(LST): 0300-0500

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TOTAL NUMBER OF OBSERVATIONS: 9

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKEN AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: FEB HOURS: 1515-1600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6											.6	1.7
NNE	.7	.4										1.1	3.0
NE	1.5	.4										1.9	2.7
ENE	1.9	2.8	1.9									6.6	4.5
E	3.4	3.7	3.4									10.5	5.2
ESE	.9											.9	1.2
SE	.7	.4										1.1	2.8
SSE	1.1	.4	.2									1.7	2.5
S	1.5	.4	.2									2.1	3.1
SSW	1.1	2.2	.7	.6								4.7	5.8
SW	1.2	2.1	3.4	.5								7.7	6.5
WSW	1.1	2.2	3.0	1.1	.2							7.7	7.5
W	1.5	2.4	3.0	.7	.4							8.1	7.3
WNW	1.3	.2	.4									1.9	4.1
NW	.2	.2										.4	3.0
NNW		.2	.2									.4	6.0
VARIABLE				.4								.4	13.0
CALP	////////////////////											42.5	////
TOTALS	18.9	18.0	16.3	3.7	.6							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 534

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-84  
MONTH: FEB HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	.2									.4	3.0
NNE	.9	.4									1.3	3.1
NE	1.7	.8									2.4	2.7
NNE	2.4	4.9	2.8	.6							10.7	5.5
E	4.7	3.6	2.6								10.9	4.6
ESE	1.3	.6	.2								2.1	3.2
SE	1.3										1.3	2.0
SSE	1.3										1.3	1.6
S	.6	.9									1.9	2.8
SSW	.9	.4	1.1	.6	.2						3.2	7.6
SW	.6	2.6	2.6	.2							6.0	6.3
WSW	.4	1.5	3.6	1.1	.4						7.0	8.7
W	.9	3.8	2.6	2.3	.6						10.2	8.6
WNW	.9	1.3	.2								2.3	4.5
NW		.6									.6	4.2
NNW	.6	.2	.2								.9	4.2
VARIABLE			.6								.6	8.3
CALM	////////////////////////////////////										36.9	////
TOTALS	19.0	21.7	16.6	4.7	1.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 531

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	.4										1.4	2.6
NNE	.2	1.4	.2									1.6	5.2
NE	2.2	2.8	.2									5.3	4.1
ENE	5.7	6.5	4.3	1.0								17.4	5.4
E	3.7	4.7	5.9	1.2								15.4	6.2
ESE	.4	.4	.2									1.0	4.8
SE													
SSE		.4										.4	4.0
S	.8		.2									1.0	3.0
SSW	.6	1.0	.8									2.4	5.6
SW	.4	2.4	1.6	.2								4.7	6.2
WSW	.6	1.4	1.4	.2								3.7	6.2
W	.8	2.0	4.9	2.8	1.8	.4						12.8	10.7
WNW	1.0	2.2	1.0	.4								4.7	5.8
NW	1.2	.8	.6		.2							2.8	5.4
NNW	1.4	1.0	.2									2.6	3.8
VARIABLE			.6									.6	8.0
CALP	////////////////////											21.9	////
TOTALS	20.1	27.6	22.1	5.9	2.0	.4						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 493

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: DO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: FEB MONTHS(LSY): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	.6										1.1	3.8
NNE	1.7	2.8	.3									4.8	4.4
NE	3.4	3.4	.3									7.1	3.6
ENE	5.9	11.0	4.2	1.4								22.6	5.4
E	3.1	8.2	7.1	3.1								21.5	6.8
ESE	.2	.6										.8	3.2
SE	.3	.2										.6	3.5
SSE		.2										.3	4.0
S		.2										.3	5.0
SSW	.3	.6										.8	3.2
SW	1.1	.2	1.1	.6								3.1	6.5
WSW	.2	1.4	.3	.6	.3							2.8	7.8
W	1.4	2.8	3.4	3.1	.8							11.6	8.9
WNW	.6	1.4	1.4	.6								4.0	6.5
NW	1.1	.6	.8									2.8	4.7
NNW	2.5	.2	.6	.2								3.7	4.5
VARIABLE			.3									.3	4.0
CALM	////////////////////////////////////											11.9	////
TOTALS	22.6	25.0	19.8	9.0	1.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 354

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-85  
MONTH: FEB HOURS(DLST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0											1.0	3.0
NNE	1.0	1.0										1.9	3.0
NE	3.9	4.9										8.7	3.4
NNE	6.8	7.9	3.9									18.4	4.5
E	1.9	10.7	9.7									22.3	6.1
ESE	1.0		1.0									1.9	4.5
SE													
SSE	1.0											1.0	2.0
S	1.0											1.0	2.0
SSW	1.0	1.0										1.9	2.5
SW		1.9	1.0	1.0								3.9	7.0
WSW	1.0	1.0	1.0	1.0								3.9	7.0
W	1.0		3.9	1.9								6.8	9.1
WNW		1.9	1.0									2.9	7.0
NW													
NNW	1.0	1.0										1.9	3.5
VARIABLE			1.0									1.0	10.0
CALP	////////////////////											21.9	////
TOTALS	21.9	21.1	22.3	3.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 103

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: DO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: FEB HOURS: 12:01: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	.2										.8	2.8
NNE	.9	1.1	.1									2.0	4.1
NE	2.2	1.8	.1									4.1	3.5
ENE	4.0	5.9	3.2	.6								13.7	5.3
E	3.7	5.0	4.7	.8								14.3	5.8
ESE	.8	.2	.1									1.3	3.2
SE	.6	.1										.7	2.5
SSE	.7	.2	.0									1.0	2.6
S	.9	.4	.1									1.4	3.0
SSW	.8	1.1	.7	.2	.0							2.9	6.1
SW	.9	2.0	2.2	.5								5.5	6.6
WSW	.6	1.6	2.2	.8	.2							5.4	7.7
W	1.1	2.6	3.5	2.1	.8	.1						10.3	9.0
WNW	.9	1.2	.7	.2								3.1	5.5
NW	.5	.5	.3		.0							1.4	4.9
NNW	1.0	.4	.2	.0								1.7	4.2
VARIABLE			.4	.1								.5	5.4
CALM	////////////////////											29.8	////
TOTALS	20.0	24.9	18.6	5.5	1.1	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 2024

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 8C-84,86  
MONTH: MAR HOURS: 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												
NNE												
NE												
ENE												
E			4.8								4.8	8.0
ESE												
SE	4.8										4.8	2.0
SSE	4.8										4.8	2.0
S			4.8								4.8	8.0
SSW		4.8									4.8	5.0
SW	4.8										4.8	3.0
WSW	4.8	9.5	4.8								19.0	6.0
W	4.8		4.8								9.5	5.5
WNW												
NW												
NNW												
VARIABLE												
CALP	////////////////////										42.9	////
TOTALS	23.8	14.3	19.0								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 21



GLOBAL CLIMATOLOGY BRANCH  
 ASDAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
 MONTH: MAR MoLr51L571: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
A	.2	.2									.3	3.0
NNE	.2										.2	3.0
NE	.5	.5	.3								1.4	4.5
ENE	2.4	2.1		.2							4.8	3.4
E	1.2	1.5	.3	.7							4.1	5.8
ESE	1.0	.2									1.2	2.0
SE	.7		.2								.9	3.2
SSE	2.2	.2									2.6	1.5
S	1.7	.5		.2							2.4	3.2
SSW	2.1	2.4	.5	.2	.3	.2					5.7	5.5
SW	1.5	5.0	3.1	1.2							11.2	6.4
WSW	2.1	5.2	2.4	1.2	.2						11.1	6.2
W	2.8	2.6	3.3	1.6	.3						10.5	6.8
WNW	1.0	.2	.7	.2	.2						2.6	7.1
Wb	.3	.5	.2								1.0	4.2
NWb	.2	.2	.2								.5	5.7
VARIABLE												
CALM	////////////////////										39.4	////
TOTALS	20.6	21.5	11.2	5.1	1.0	.2					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 579

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAR MONTHS: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	WIND
N	.5	.2									.7	2.0
NNE	.2	.2									.5	4.0
NE	.2	1.2	.5								1.9	5.5
NNE	1.6	3.0	.5								5.0	4.2
E	2.1	2.2	.9	1.0							6.3	5.5
ESE	.5										.9	1.8
SE	.3										.3	1.5
SSE	1.2	.5									1.7	2.5
S	1.7	1.0		.7							3.5	5.0
SSW	2.6	1.5	.5	.2							5.4	4.4
SW	2.6	5.0	1.9	1.2	.2						11.0	6.0
WSW	1.9	4.0	1.6	.5	.5						8.0	6.6
W	4.0	4.0	5.2	1.7	1.0	.3					16.3	7.5
WNW	1.0	2.1	1.4		.3						4.9	6.0
NW	.3	.4	.5	.2							1.9	5.8
NNW	.5	.2	.3								1.0	3.8
VARIABLE			.3								.3	7.5
CALP	////////////////////										30.3	////
TOTALS	21.2	26.6	13.7	5.7	2.1	.3					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 575

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAR HOURS(1ST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
A	.7	.5										1.6	3.2
NNE	2.2	1.1										3.3	2.8
N	1.6	1.6	.5	.2								4.0	4.6
NNE	3.2	4.0	1.5	.2								8.9	4.5
E	2.9	4.4	4.4	.5								12.5	6.1
ESE	.2	.2										.4	3.5
SE													
SSE	.4	.4										.7	3.8
S	.2	.7	.2	.2								1.3	6.1
SSW	.4	.2	.9	.4								1.8	7.6
SW	.5	.7	2.2	.4								4.2	6.8
WSW	1.5	2.4	1.8	.5	.2							6.7	6.7
W	3.1	5.4	5.3	2.5	.7	.2						17.6	7.7
WNW	1.9	2.4	2.7	1.5	.4							8.7	7.4
W	1.6	3.4	1.5	.4								6.9	5.6
WNW	1.8	2.4	.4	.2								4.7	4.2
VARIABLE			.5	.4	.2							1.1	11.2
CALP	////////////////////////////////////											15.6	////
TOTALS	22.5	30.1	21.8	8.2	1.5	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 551

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	1.0	.5									3.0	4.0
NNE	.8	2.0	.3									3.0	4.2
NE	3.0	2.0	1.0									6.0	4.8
NNE	5.0	5.0	1.0	.5								13.1	4.5
E	4.0	5.0	5.0	1.0								16.6	6.2
ESE	.3	.5	.8									1.5	6.7
SE	.5											.5	1.5
SSE	.3	.3										.5	3.5
S	1.0	.5	.8	.3								2.5	5.5
SSW	.8	.5	.3	.3								1.8	5.0
SW	.3	1.3	.3	.5								2.3	6.8
WSW	.8	1.0	1.5	1.5	.3							5.0	8.6
W	1.8	3.0	2.5	1.8	.8							10.6	7.7
WNW	3.0	4.3	1.0	1.3								9.5	5.7
NW	2.0	2.5	3.3	.3								8.0	6.2
NNW	2.0	1.8	.5	.5								4.8	4.7
VARIABLE			1.0		.3							1.3	10.6
CALM	////////////////////											9.3	////
TOTALS	26.9	12.9	21.1	8.5	1.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 398

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-85  
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	.5											.9	3.0
NNE	.9	1.9										2.8	3.1
NE	3.7	3.7										7.5	3.2
ENE	6.5	4.7	.9									12.1	3.8
E	5.6	4.7	2.8	1.9								15.0	5.5
ESE			.9									.9	10.0
SE													
SSE													
S			.9									.9	8.0
SSW	1.9	1.9										3.7	4.0
SW	2.8	.9	.9	.9								5.6	5.5
WSW	.5	2.8										3.7	4.2
W	4.7	1.9	.9	2.8	1.9							12.1	8.1
WNW	3.7	2.8	.9									7.5	3.8
NW	2.8	1.9	.9									5.6	3.8
NNW	.9											.9	2.0
VARIABLE			.9									.9	8.0
CALC	////////////////////											19.6	////
TOTALS	35.5	27.1	10.3	5.6	1.9							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 107

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAR HOURS(DST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.4	.1								1.3	3.4
NNE	.8	.8	.0								1.7	3.4
NE	1.3	1.4	.7	.0							3.4	4.7
NNE	3.0	3.5	.9	.2							7.7	4.2
E	2.6	3.4	2.5	1.1							9.5	6.0
ESE	.6	.2	.2								.9	3.8
SE	.4		.0								.4	2.4
SSE	1.1	.4									1.4	2.6
S	1.1	.7	.3	.2							2.4	4.5
SSW	1.5	1.4	.5	.2	.1	.0					3.9	5.4
SW	1.6	3.0	1.9	.9	.0						7.5	6.2
WSW	1.5	3.4	1.8	.5	.3						7.8	6.6
W	3.1	3.8	4.0	2.0	.8	.1					13.9	7.4
WNW	1.7	2.1	1.4	.7	.2						6.1	6.4
W	1.1	1.7	1.2	.2							4.2	5.6
WNW	1.0	1.0	.3	.1							2.5	4.4
VARIABLE			.4	.1	.1						.6	10.2
CALM	////////////////////										24.9	////
TOTALS	23.1	27.2	16.3	6.8	1.5	.2					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 2231

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 8C-86  
MONTH: APR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN
N												.8	4.0
NNE	1.5											1.5	2.0
NE													
ENE	1.5		.8									2.3	3.3
E	1.5	.8	2.3									4.6	5.3
ESE	2.3											2.3	1.0
SE	.8											.8	1.0
SSE	1.5		.8									2.3	3.0
S	1.5	1.5	.8									3.8	4.4
SSW	1.5	2.3	.8									4.6	4.2
SW	2.3	6.2	3.1									11.5	5.1
WSW	1.5	2.3	1.5									5.4	5.0
W	2.3	3.1	4.6	1.5								11.5	6.6
WNW		2.3	.8									3.1	6.0
W		.8										.8	6.0
NNW													
VARIABLE												.8	9.0
CALC	////////////////////											43.8	////
TOTALS	18.5	26.0	16.2	1.5								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 130

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 8C-86  
MONTH: APR HOUR(S) LAST: 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	.4										1.7	2.6
NNE	.6											.6	2.0
NE	.2	.7										.9	5.0
NNE	1.5	1.3	.9	.2								3.9	4.5
E	1.7	1.7	2.4	.6								6.3	6.1
ESE	.2											.2	2.0
SE	.6	.2										.7	2.5
SSE	1.3	.4	.6									2.2	3.6
S	3.7	1.5	.7	.7								7.1	4.6
SSW	3.7	3.2	.9	.2								8.0	4.2
SW	2.4	3.5	2.4									8.3	5.2
WSW	1.5	3.5	2.0	.2								8.0	5.5
W	2.4	5.0	4.5	.9								12.8	6.2
WNW	1.5	1.2	.6	.4								3.7	5.1
NW	1.1	.6										1.7	2.8
NNW	.7	.6	.2									1.5	3.3
VARIABLE			.7	.2								.9	9.6
CALM	////////////////////////////////////											31.5	////
TOTALS	24.7	24.5	16.0	3.3								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 539



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	1.3										3.9	3.1
NNE	.8	1.1	.4									2.3	4.5
NNE	.5	1.9										2.8	3.7
ENE	2.4	2.3	1.5									6.2	4.5
E	1.3	3.2	4.5	.6								9.6	6.7
ESE	.4	.2										.6	2.7
SE	.2											.2	1.0
SSE	.5	.8										1.7	3.1
S	1.5		.6	.6								2.6	6.4
SSW	.4	3.6	.8	.2								5.3	5.2
SW	1.5	3.2	2.6	.2								7.5	5.6
WSW	1.5	2.6	4.1	.2								8.5	6.2
W	2.6	7.7	6.4	.9								17.7	6.1
WNW	2.6	3.8	2.6									9.0	5.0
NW	2.3	3.4	.2	.4								6.2	4.5
NNW	1.5	1.1	.2									2.8	3.4
VARIABLE			.4	1.1	.2							1.7	12.4
CALP	////////////////////											11.5	////
TOTALS	23.5	36.1	24.2	4.1	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 532

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: APR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	2.2	1.8		.2								4.3	3.9
NNE	1.2	2.0	1.0									4.3	5.0
NE	2.0	1.8	1.2									5.1	4.6
ENE	1.6	2.6	3.8	.4								8.5	6.4
E	2.6	3.6	4.0	2.2								12.6	6.9
ESE	.8	.6	.4									1.8	5.0
SE	.2	.2	.2									.6	5.0
SSE	.2	.8		.2								1.2	6.3
S	.8	.2	.6	.2								1.8	5.7
SSW	.8	1.6	2.4									4.9	6.0
SW	.4	1.0	1.6									3.0	6.8
WSW	1.2	3.0	1.6	.8								6.7	6.0
W	3.2	3.4	6.9	2.0	.2							15.8	7.2
WNW	4.0	3.4	2.4	1.4								11.3	5.9
NW	.8	3.2	2.4									6.5	5.5
NNW	1.6	1.4	1.4									4.5	5.0
VARIABLE			2.0	.4								2.4	5.4
CALP	////////////////////											4.9	////
TOTALS	23.9	31.0	32.2	7.9	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 494

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77,80-86  
MONTH: APR HOUR(S) LAST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	3.0	1.1								5.6	4.9
NNE		1.1	2.3								3.4	6.7
NE	.8	3.0	.4								4.9	4.5
ENE	1.5	.4	3.8	.4							6.0	6.8
E	1.9	4.1	4.5	.8							11.3	6.5
ESE	.4		.4								.4	4.0
SE	.4										.4	2.0
SSE		.4	.4								.8	8.0
S	.8	1.5	1.1								3.8	5.3
SSH		3.4	2.3								5.6	6.2
SN		1.5	.4								1.9	6.6
WSN	1.1	1.5	2.6	.4							6.0	6.4
W	1.9	5.3	6.0	3.0							16.2	7.4
WNW	2.3	4.5	3.0	1.5	.4						11.7	6.5
NW	1.1	1.5	2.3	1.1							6.0	6.9
NNW	.8	.4	.4	.4							1.9	7.0
VARIABLE			3.0	1.1							4.1	10.3
CALM	////////////////////										9.8	////
TOTALS	14.1	33.1	33.8	8.6	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 266

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77.01-82.04  
MONTH: APR HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	2.0										4.0	2.5
NNE													
NE		4.0										4.0	6.0
ENE		2.0	6.0									8.0	7.3
E	2.0	2.0	2.0	2.0								8.0	6.8
ESE													
SE													
SSE													
S													
SSW	6.0	6.0										12.0	3.8
SW		2.0										2.0	4.0
WSW		2.0										2.0	6.0
W		12.0	6.0	4.0								22.0	7.3
WNW		2.0	4.0	2.0								8.0	9.0
NW	2.0	2.0	2.0									6.0	5.3
NNW			4.0									4.0	7.5
VARIABLE				2.0								2.0	14.0
CALM	////////////////////											18.0	////
TOTALS	12.0	36.0	24.0	10.0								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 50

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: APR Hourly Syst: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	1.4	.1	.0							3.4	3.7
NNE	.7	.5	.6								2.3	4.5
NE	.5	1.7	.3								3.0	4.4
ENE	1.7	1.7	2.3	.2							5.9	5.5
E	1.8	2.8	3.6	1.0							9.3	6.6
ESE	.5	.2	.1								.9	3.7
SE	.3	.1	.0								.5	2.9
SSE	.7	.5	.2	.0							1.6	4.2
S	1.8	.9	.7	.4							3.8	5.1
SSW	1.6	2.9	1.4	.1							6.1	5.0
SW	1.3	2.7	2.0	.0							6.0	5.6
WSW	1.4	2.9	2.5	.2							7.2	5.9
W	2.5	5.4	5.8	1.6	.0						15.4	6.6
WNW	2.4	3.0	2.0	.7	.0						8.1	5.8
NW	1.3	2.1	1.0	.2							4.7	5.1
NNW	1.1	.8	.6	.0							2.6	4.6
VARIABLE		1.2	.6	.3							1.9	10.5
CALM	////////////////////////////////////										17.3	////
TOTALS	22.2	30.3	24.7	5.4	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 2011

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77,80-86  
MONTH: MAY HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7											.7	3.0
NNE													
NE	1.4											1.4	2.5
NNE	1.4	.7										2.1	2.3
E	.7	.7	1.4									2.7	6.0
ESE	3.4	.7										4.1	2.7
SE	.7											.7	1.0
SSE	1.4											1.4	1.5
S	4.1	2.1		.7								6.8	3.1
SSW	2.1	1.4	1.4									4.8	4.4
SW	2.7	5.5										8.2	3.7
WSW	4.8	4.1	.7									9.6	3.7
W	4.1	2.7	1.4	.7								8.9	5.3
WNW	.7		.7									1.4	5.0
NW	.7											.7	1.0
NNW													
VARIABLE			.7									.7	10.0
CALP	////////////////////											45.9	////
TOTALS	28.8	17.6	6.2	1.4								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 146

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAY HOUR(S) LST: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
A	1.6	.2										1.7	2.3
RAE	.5	.2										.7	2.5
AE	1.4	.2	.2									1.7	2.5
EAE	1.6	2.6	.7									4.8	4.4
E	2.2	1.7	2.1	.2								6.2	5.2
ESE	.7	.2		.2								1.0	3.6
SE	.5											.5	2.3
SSE	1.0	.5	.2									1.7	3.1
S	2.4	.5	.3	.2								4.0	3.6
SSW	2.1	1.4	.9	.3								4.7	5.0
SW	3.5	3.6	1.4	.2								8.6	4.3
WSW	3.6	4.5	.9									9.0	3.5
W	3.6	3.8	3.5	.2								11.1	5.3
WNW	1.5	1.4	1.4									4.7	4.5
NW	.3	1.0										1.4	4.4
NNW	.7	.2										.9	1.8
VARIABLE			.9									.9	8.6
CALM	////////////////////////////////////											36.4	////
TOTALS	27.8	22.3	12.3	1.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 579

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: GO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAY HOUR(S): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	1.6	.2									4.0	3.4
NNE	1.5	2.1	.2									3.8	4.3
NE	.7	1.9	.9									3.5	5.6
NNE	3.7	6.1	4.2	.2								14.3	5.4
E	.7	2.6	2.1	.5	.2							6.5	7.3
ESE	.3	.5	.5	.5								2.3	7.3
SE	.2		.3									.5	7.0
SSE	.2	.2		.2	.2							.9	8.2
S	.7	1.2	.3									2.3	4.4
SSW	1.4	1.9	1.6									4.9	5.1
SW	1.7	2.1	1.2									5.1	4.7
WSW	2.3	2.6	2.3		.2							7.3	5.3
W	3.4	5.1	4.2	.5								13.6	5.4
WNW	4.4	2.8	1.6	.3								9.1	4.6
NW	1.5	1.6	.9	.2								4.5	4.4
NNW	1.2	1.7	.2									3.1	4.1
VARIABLE		.2	2.1	.2								2.6	8.0
CALP	////////////////////////////////////											11.5	////
TOTALS	27.3	34.8	22.7	3.1	.5							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 572



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAY HQUR5(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.6	2.7	1.4									7.7	4.0
NNE	1.4	2.5	.7									4.6	4.3
NE	1.4	3.6	1.4	.2								6.6	5.1
ENE	1.6	6.2	5.0	.5								13.4	6.2
E	1.6	2.3	6.1	1.1	.5							11.6	7.6
ESE	.7	.5	.7	.4								2.3	6.8
SE	.5	.4	.2									1.1	4.5
SSE	.4		.4	.2								.9	7.4
S	.5	.5	.2	.2								1.4	4.5
SSW	1.2	.7	1.6									3.6	5.6
SW		.7	.7									1.4	6.3
WSW	2.5	3.4	.9									6.8	4.4
W	1.8	5.2	4.1	1.4								12.5	6.8
WNW	1.6	4.1	3.4	1.1								10.3	6.4
NW	.7	1.6	.5	.4								3.2	5.8
NNW	2.1	.5	.4									3.4	3.1
VARIABLE			3.9	.2								4.1	8.2
CALM	////////////////////											5.2	////
TOTALS	21.9	35.2	31.6	5.2	.5							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 561

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77,80-86  
MONTH: MAY HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	2.6	1.0									5.2	4.8
NNE	2.3	2.0	.7									4.9	4.2
NE	1.0	2.6	2.0									5.6	5.3
ENE	2.6	4.2	2.6	.7								10.1	5.5
E	1.3	4.2	7.5	2.6	.3							16.0	8.0
ESE	.7	.3	.7									1.6	5.0
SE		.7										.7	4.0
SSE	.3	.7	1.3	.3								2.6	7.3
S	1.3	1.3	1.3									3.9	4.8
SSW	1.0	1.6	2.3	.3								5.2	6.6
SW	.3	1.6	.7									2.6	5.3
WSW	1.6	1.6	.7									3.9	4.2
W	.3	4.9	3.9	1.0								10.1	7.3
WNW	2.0	3.6	2.0	1.6								9.2	6.5
NW	.7	2.3	.7									3.6	5.4
NNW	2.3	1.0	1.3									4.6	4.4
VARIABLE			3.9	1.0								4.9	9.1
CALP	////////////////////											5.2	////
TOTALS	19.3	35.3	32.4	7.5	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77,81-82,84  
MONTH: MAY HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N			1.8									1.8	7.1
NNE		1.8										1.8	5.0
NE		1.8										1.8	4.0
ENE	7.0	1.8	1.8									10.5	3.8
E		7.0	14.0									21.1	6.8
ESE													
SE			1.8									1.8	10.0
SSE													
S	1.8	1.8										3.5	3.0
SSW	1.8		1.8	1.8								5.3	7.7
SW	1.8		1.8									3.5	5.5
WSW	1.8	7.0										8.8	5.0
W			8.0	1.8								10.5	8.8
WNW	1.8		3.5									5.3	5.7
NW			1.8									1.8	10.0
NNW	1.8	3.5	1.8									7.0	5.5
VARIABLE			1.8	1.8								3.5	10.0
CALM	////////////////////////////////////											12.3	////
TOTALS	17.5	24.0	40.4	5.2								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 57

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
A	2.2	1.5	.6									4.2	3.8
NAC	1.2	1.5	.3									3.1	4.2
NE	1.1	1.8	.9	.1								3.9	4.5
ENE	2.4	4.5	2.9	.3								10.1	5.5
E	1.4	2.5	4.1	.9	.2							9.1	7.2
ESE	.8	.5	.4	.3								1.9	5.8
SE	.4	.2	.2									.7	4.6
SSE	.6	.3	.3	.1	.0							1.4	5.7
S	1.5	1.0	.4	.1								3.1	4.0
SSW	1.5	1.4	1.5	.2								4.5	5.5
SW	1.6	2.3	1.0	.1								4.9	4.6
WSW	2.7	3.4	1.2		.0							7.3	4.4
W	2.7	4.5	3.9	.8								11.8	6.1
WNW	2.4	2.6	2.0	.6								7.7	5.6
AW	.5	1.4	.5	.3								2.9	5.0
NW	1.4	.5	.4									2.7	3.7
VARIABLE		.1	2.4	.3								2.7	8.5
CALM	////////////////////////////////////											17.8	////
TOTALS	24.8	10.2	22.9	3.8	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 2221

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 80-86  
MONTH: JUN POLRS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.7										.7	2.0
NNE													
NE	1.4											1.4	2.5
ENE	1.4											1.4	2.0
E	2.1											2.1	1.2
ESE	.7											.7	2.0
SE													
SSE													
S	2.1	.7										2.9	3.0
SSW	3.6	5.0										8.6	3.5
SW	4.3	9.0	1.4									14.3	4.2
WSW	3.6	3.6	2.9									10.0	4.5
W	2.9	2.9	3.6									9.3	5.5
WNW	1.4		1.4									2.9	6.0
NW													
NNW													
VARIABLE													
CPLP	////////////////////////////////////											45.7	////
TOTALS	20.3	20.3	9.3									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 140

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: JUN HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5										.5	2.3
NNE	.9	.2	.2								1.2	2.7
NNE												
NNE	1.1	.4									1.4	2.6
E	1.2	.5	.7								2.5	3.9
ESE	.7										.7	1.8
SE	.5	.2									.7	2.0
SSE	.4	.2									.5	2.3
S	2.6	.7									3.3	2.4
SSW	6.7	2.6	1.2	.2							10.7	3.6
SW	4.6	5.8	.9								11.2	3.9
WSW	3.9	5.4	1.4								10.7	4.2
W	2.6	6.7	1.8	.4							11.4	5.1
WNW	2.3	1.1	.5								3.9	3.5
NW		.2									.2	6.0
NNW	1.4		.2								1.6	3.1
VARIABLE			.4	.2							.5	11.0
CALM	////////////////////////////////////										39.1	////
TOTALS	29.2	23.8	7.2	.7							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 571

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUN HOURS(DIST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.4	1.7	.2									4.2	3.0
NNE	2.0	2.8	.2									5.0	3.7
NE	1.5	1.3	.2									2.9	3.7
ENE	1.1	1.8	1.3									4.2	5.3
E	2.4	2.5	1.1	.2								6.6	4.8
ESE	.2	.2	.4	.2								.9	6.4
SE													
SSE		.2										.2	5.0
S	.5	.7										1.7	3.1
SSW	1.1	1.8	1.3									4.2	4.5
SW	2.5	3.7	.4									7.0	4.0
WSW	2.6	3.5	1.5									7.9	4.5
W	4.6	6.8	4.6	.2								16.2	5.2
WNW	4.1	5.0	1.7									10.7	4.6
W	2.8	3.5	.7									7.0	4.3
NNW	1.5	2.0	.4									3.9	4.3
VARIABLE		.2	1.5									1.7	7.6
CALP	////////////////////											15.7	////
TOTALS	30.0	38.0	15.3	.6								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 543

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUN HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.5	2.5	.2									6.6	3.5
NNE	1.4	2.9	1.0									5.3	4.7
NE	1.2	3.3	1.2									5.6	5.1
ENE	1.0	4.1	1.6	.2								6.8	5.6
E	1.5	2.5	3.7	.2								8.8	6.1
ESE		.2										.2	6.0
SE													
SSE	.6											.6	2.1
S	.6	1.8	.4									2.7	4.7
SSW	1.5	2.3	1.2	.2								5.6	4.5
SW	1.4	1.6	1.4									4.3	5.1
WSW	.8	4.1	1.9									6.8	5.6
W	3.3	5.6	3.5	.6								13.0	5.5
WNW	2.5	5.6	2.7	.2								11.5	5.5
NW	1.0	3.3	1.2									5.4	5.0
NNW	2.3	3.5	1.0									6.8	4.3
VARIABLE			2.1	.2								2.3	6.1
CALM	////////////////////											7.6	////
TOTALS	23.7	44.2	23.0	1.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 514



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO WAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	1.5	.9								5.3	3.7
NNE	1.6	3.1									4.7	3.7
NE	1.6	2.5	.6								4.7	4.1
ENE	.3	6.3	2.2	.2							9.1	5.8
E	1.5	2.2	4.4								8.5	6.1
ESE	.6		.3								.9	3.7
SE												
SSE		.6									.6	4.5
S	.5	.5	.9								2.8	5.1
SSW	.9	3.4	1.3								5.6	4.8
SW	2.2	3.8									6.0	4.2
WSW	1.3	2.8	.9	.2							5.3	5.2
W	3.4	3.4	4.1								11.0	5.1
WNW	2.2	4.1	4.1	.6							11.0	6.3
NW	1.6	3.4	1.9								6.9	5.1
NNW	2.2	3.4	1.3								6.9	4.7
VARIABLE		.2	2.2	.2							2.8	8.5
CALM	////////////////////										7.8	////
TOTALS	23.2	42.2	25.1	1.6							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 319

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,81-84  
MONTH: JUN HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	1.4									4.3	3.0
NAE		1.4	1.4								2.9	6.5
NE			2.9								2.9	8.0
ENE	4.3	5.8	5.8								15.9	5.1
E	1.4	2.9	4.3	1.4							10.1	6.6
ESE												
SE												
SSE												
S	1.4										1.4	3.0
SSW	2.5	5.8	1.4								10.1	4.3
SW	2.9	2.9									5.8	3.8
WSW		5.8	2.9								8.7	5.8
W	2.5	1.4	1.4	1.4							7.2	6.0
WNW			1.4								1.4	8.0
NW		2.9	1.4								4.3	6.3
NNW	4.3	1.4	1.4								7.2	3.8
VARIABLE				1.4							1.4	15.0
CALM	////////////////////										15.9	////
TOTALS	23.2	31.5	24.6	4.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 69

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUN HOUR: 01-24

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	1.4	.2									3.8	3.2
NAE	1.3	1.9	.4									3.6	4.0
NE	1.0	1.5	.5									3.0	4.1
ENE	1.1	2.6	1.2	.1								5.0	5.2
E	1.5	2.0	2.1	.1								6.1	5.4
ESE	.4	.1	.1	.0								.6	4.1
SE	.1	.0										.2	2.0
SSE	.2	.2										.4	3.1
S	1.4	1.0	.2									2.6	3.6
SSW	3.0	2.7	1.2	.1								7.0	4.2
SW	3.0	4.0	.7									7.7	4.2
WSW	2.3	4.2	1.6	.0								8.2	4.7
W	3.4	5.6	3.3	.3								12.7	5.2
WNW	2.7	3.5	1.9	.1								8.3	5.1
NW	1.2	2.3	.8									4.3	4.8
NNW	1.9	1.9	.6									4.3	4.2
VARIABLE		.1	1.3	.2								1.6	8.7
CALM	////////////////////											20.7	////
TOTALS	26.7	35.2	16.3	1.1								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 2156

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 87-88  
MONTH: JUL HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N													
NNE													
NE	.7											.7	1.0
NNE													
E	.7											.7	2.0
ESE	.7											.7	1.0
SE	.7											.7	2.0
SSE	2.1											2.1	1.7
S	3.4	.7										4.1	2.7
SSW	2.9	2.1										5.0	2.9
SW	6.2	4.1										10.3	3.2
WSW	2.9	1.4	3.4	.7								8.3	5.8
W	1.4	3.4	.7									5.5	4.5
WNW		.7										.7	5.0
NW													
NNW													
VARIABLE													
CALM	////////////////////											61.4	////
TOTALS	21.4	12.4	4.1	.7								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS: 145

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 90 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2											.2	1.0
NNE	.4											.4	1.5
NE		.4										.4	4.0
NNE	.7	.4										1.1	3.3
E	.7	1.1										1.8	3.1
ESE	.5											.5	2.3
SE	.9											.9	2.2
SSE	.9											.9	1.8
S	3.2	.9	.2									4.3	2.6
SSW	4.6	4.4	.9	.2								10.1	3.9
SW	5.0	5.0	.9									10.9	3.8
WSW	3.9	5.0	1.1	.2								10.1	4.3
W	3.0	3.7	1.8									8.5	5.0
WNW	.4	.4	.2									.9	4.8
NW	.7	.5										1.2	3.4
NNW													
VARIABLE		.2	.4									.5	6.7
CALM	////////////////////											47.4	////
TOTALS	25.0	21.0	5.3	.4								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 563

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURS: 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	.7										2.7	3.0
NNE	.7	.2										.9	2.8
NE	1.5	1.2	.4									3.1	3.9
ENE	2.7	4.9	.2									7.9	4.1
E	2.6	3.8	.7									7.1	4.2
ESE	.2											.2	3.0
SE	.2	.2										.4	3.0
SSE	.2											.2	2.0
S	1.1		.2									1.3	2.1
SSW	1.8	2.4	.9									5.1	4.4
SW	3.1	2.9	.2	.2								6.4	3.6
WSW	1.8	3.8	1.6									7.3	5.2
W	4.6	7.2	2.6	.4								14.8	4.9
WNW	2.9	5.3	2.6	.2								10.9	4.8
NW	2.0	2.4	1.1									5.5	4.5
NNW	1.9	1.5	.2									3.5	3.4
VARIABLE			1.1									1.1	8.2
CALM	////////////////////////////////////											21.6	////
TOTALS	29.3	36.6	11.7	.7								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.5	2.4	.6									6.5	3.6
NNE	2.0	2.4										4.5	3.7
NE	1.8	3.0	.4									5.1	4.2
NNE	3.7	3.1	1.2									8.1	4.1
E	2.0	5.5	1.6									9.1	4.8
ESE	.9	.4										1.2	3.0
SE													
SSE	.2	.2										.4	4.0
S		.6										.6	4.0
SSW	1.0	2.2	.2	.4								3.7	5.0
SW	.6	1.2	.8									2.6	4.5
WSW	1.4	2.6	1.4	.2								5.5	5.4
W	2.6	4.5	3.7	.4			.2					11.8	6.3
WNW	3.3	6.1	3.0									12.4	4.8
NW	3.0	3.2	2.2	.4								8.9	5.4
NNW	3.0	4.2	1.4									8.7	4.5
VARIABLE			2.8									2.8	8.2
CALP	////////////////////											8.3	////
TOTALS	28.7	42.2	19.1	1.4			.2					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 508

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,8C-86  
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.0	2.6	.5	.2								7.4	3.8
NNE	1.6	1.6										3.2	3.2
NE	1.1	1.2	.5									2.9	4.4
ENE	4.5	5.6	.8									10.8	4.0
E	3.2	6.5	2.9									13.0	4.5
ESE	.5		.3									.8	4.0
SE	.5											.5	2.0
SSE		.8										.8	4.0
S	.3	1.1										1.3	4.2
SSW	1.3	1.6	1.1									4.0	4.7
SW	1.1	1.2	1.3									3.7	5.7
WSW	1.2	2.4	1.1									4.8	4.6
W	2.4	5.8	2.1									10.3	5.2
WNW	2.1	2.5	.8	.2								6.1	4.6
NW	.8	6.1	3.2									10.1	5.6
NNW	2.9	5.0	2.4									10.3	4.8
VARIABLE			1.6									1.6	7.5
CALP	////////////////////////////////////											8.5	////
TOTALS	27.5	45.0	18.5	.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 376



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 82-84  
MONTH: JUL HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	2.4	2.4										4.8	3.5
NNE	2.4	1.2										3.6	3.7
NE	1.2	3.6										4.8	3.5
ENE	1.2	6.0	1.2									8.4	4.6
E	4.8	6.0	4.8									15.7	4.7
ESE													
SE													
SSE													
S		2.4										2.4	5.0
SSW	1.2	1.2	2.4									4.8	6.0
SW	2.4	2.4	1.2									6.0	4.4
WSW	3.6	3.6										7.2	3.8
W	4.8	3.6	1.2									9.6	4.4
WNW	3.6	6.0	1.2									10.8	4.3
NW		1.2	1.2									2.4	8.0
NNW	1.2	2.4										3.6	3.7
VARIABLE													
CALM	////////////////////											15.7	////
TOTALS	28.8	42.2	13.3									100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 83

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURLS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	1.3	.2	.C								3.6	3.5
NNE	1.1	.9										2.0	3.4
NE	1.0	1.4	.3									2.7	4.1
ENE	2.5	3.2	.5									6.2	4.1
E	2.0	3.9	1.2									7.1	4.6
ESE	.5	.1	.0									.6	2.9
SE	.4	.C										.4	2.2
SSE	.4	.2										.6	2.6
S	1.3	.7	.1									2.1	2.9
SSW	2.3	2.7	.8	.1								5.8	4.2
SW	2.8	2.8	.7	.C								6.4	4.0
WSW	2.3	3.4	1.4	.1								7.2	4.8
W	3.1	5.2	2.4	.2			.C					11.0	5.2
WNW	2.1	3.5	1.5	.1								7.2	4.8
W	1.5	2.6	1.3	.1								5.5	5.2
WNW	1.7	2.2	.8									4.7	4.4
VARIABLE		.C	1.3									1.3	7.5
CALM	////////////////////											25.2	////
TOTALS	27.2	34.2	12.5	.1			.C					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 2223

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO DAKER AAF GERMANY

PERIOD OF RECORD: 80-86  
MONTH: AUG HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.7									.7	4.0
NNE												
NE												
NNE	.7										.7	1.0
E												
ESE												
SE	1.4										1.4	1.5
SSE	1.4										1.4	1.0
S	4.1										4.1	1.5
SSW	6.8	2.0									8.8	2.5
SW	4.1	3.4									7.5	3.2
WSW	3.4	2.0	.7								6.1	3.6
W	2.0	2.0	1.4								5.4	4.2
WSW	.7										.7	1.0
W		1.4									1.4	4.5
WNW	.7										.7	1.0
WINDY												
UNTABLE												
CALC	////////////////////////////////////										61.2	////
TOTALS	27.2	11.4	2.0								100.0	1.1

TOTAL NUMBER OF OBSERVATIONS: 147

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: AUG HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2										.2	1.0
NNE	.2		.2								.4	6.0
NE	.4										.4	2.5
ENE	.9										.9	2.0
E	.4	.2	.2	.4							1.1	8.0
ESE	.5		.2								.7	4.0
SE	.7	.2									.9	2.2
SSE	1.1	.4									1.4	2.0
S	2.5	.2									2.7	1.9
SSW	3.6	2.7	.5	.2							7.0	3.5
SW	4.3	2.1	.2								6.6	2.9
WSW	4.6	2.5	1.1								8.2	3.7
W	3.4	3.6	1.6	.5							9.1	4.5
WNW	1.4	1.1									2.5	3.6
W	1.1	.2	.2								1.4	3.2
NNW	.2										.2	2.0
VARIABLE			.2	.2							.4	10.5
CALM	////////////////////////////////////										56.1	////
TOTALS	25.4	13.0	4.3	1.2							100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 560

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM POLARLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.4	1.9										5.3	2.9
NNE	1.1	.6										1.7	2.7
NE	1.9	1.9										3.8	3.6
ENE	3.2	3.2	.6									7.0	3.6
E	3.0	1.2	.2	.4								4.9	3.5
ESE	.2	.2	.2									.6	4.0
SE													
SSE	.4											.4	2.0
S	.9											.9	2.0
SSW	1.7	1.7	.8	.4								4.5	5.0
SW	2.6	.9	.2									3.8	2.9
WSW	4.9	2.2	.9	.4								8.5	3.9
W	5.8	4.7	3.0	.2								13.7	4.9
WNW	3.9	3.4	.2	.2								7.5	3.7
NW	2.4	.9	.2		.2							3.8	3.6
NNW	2.1	.6										2.8	2.9
VARIABLE			.2									.2	7.0
CAL*	////////////////////											30.7	////
TOTALS	37.5	23.1	6.4	1.5	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 531

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM POLARLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: AUG HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.2	4.0									8.3	3.3
NNE	2.3	2.3	.2								4.8	3.4
NE	4.0	2.7	.2								6.9	3.4
ENE	4.2	4.6	2.1								10.9	4.4
E	1.7	3.6	2.5	.6							8.4	6.1
ESE	.4										.4	2.5
SE	.2										.2	2.0
SSE												
S	1.2	.6	.2								1.9	3.8
SSW	1.0	.8	1.2								2.9	5.4
SW	1.9	1.9									3.8	3.9
WSW	.8	1.9	.2	.2							3.1	4.7
W	3.6	4.4	2.5	1.0	.2						11.7	5.8
WNW	3.9	4.8	.6	1.0	.2						10.4	5.1
NW	1.2	4.8	.6								6.5	4.6
NNW	3.6	3.3	.4								7.3	3.8
VARIABLE			.4	.2							.6	9.0
CALM	////////////////////////////////////										11.9	////
TOTALS	34.2	39.7	10.9	2.5	.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 521

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: AUG HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	3.8	.6										4.4	2.3
NNE	1.8	.9		.2								2.9	4.2
NE	3.8	2.9		.2								7.1	3.6
ENE	3.8	4.1	.9									8.8	3.9
E	5.6	4.1	3.5		.6							13.9	5.3
ESE	.3				.3							.6	10.5
SE	.3											.3	3.0
SSE	.3											.3	1.0
S	.3											.3	2.0
SSW	1.2	2.4	1.2									4.7	5.3
SW	1.2	1.5										2.7	4.0
WSW	1.5	1.8	1.8	.2								5.3	5.5
W	4.4	3.8	.6	.9								9.7	4.5
WNW	3.8	2.7	2.7	.2								9.4	4.9
NW	3.5	2.7	1.5									7.7	4.4
NNW	2.4	1.8	1.5									5.6	4.5
VARIABLE													
CALM	////////////////////											16.2	////
TOTALS	39.1	29.2	13.6	2.1	.9							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 339

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 81-84  
MONTH: AUG HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.8									4.2	3.1
NNE												
NE	2.8	2.8									5.6	3.0
ENE	7.0										7.0	2.2
E	5.6	5.6	2.8	1.4							15.5	5.5
ESE	1.4										1.4	1.0
SE		1.4									1.4	4.0
SSE												
S												
SSW	1.4	2.8	1.4								5.6	6.0
SW	2.8	7.0									9.9	4.6
WSW	1.4	1.4									2.8	3.0
W		7.0									7.0	4.6
WNW	4.2	2.8									7.0	3.2
NW	2.8		1.4	2.8							7.0	7.6
NNW	1.4		1.4								2.8	4.0
VARIABLE												
CALP	////////////////////										22.5	////
TOTALS	32.4	33.8	7.0	4.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 71



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: AUG HOURS/DAY: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	1.7										4.2	3.6
NNE	1.2	.8	.1	.0								2.1	3.6
NE	2.2	1.7	.0	.0								4.0	3.5
ENE	2.9	2.5	.8									6.2	3.9
E	2.3	2.1	1.3	.4	.1							6.2	5.4
ESE	.4	.0	.1		.0							.6	4.6
SE	.4	.1										.5	2.3
SSE	.5	.1										.6	1.8
S	1.5	.2	.0									1.7	2.4
SSW	2.3	1.9	.8	.1								5.1	4.2
SW	2.8	1.9	.1									4.8	3.3
WSW	3.1	2.1	.9	.2								6.3	4.1
W	4.0	4.1	1.9	.6	.0							10.7	4.9
WNW	3.0	2.8	.6	.2	.0							6.7	4.4
NW	1.8	1.9	.5	.1	.0							4.4	4.4
NNW	1.9	1.2	.4									3.5	3.7
VARIABLE			.2	.1								.3	9.2
CALM	////////////////////											32.3	////
TOTALS	32.6	25.2	7.8	1.8	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 2169

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77,40-66  
MONTH: SEP HOURS(LST): 0300-0500

WIND SPEED IN KNOTS													
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL Σ	MEAN WIND
N													
NNE													
NE													
ENE	2.2	.7										2.9	2.3
E	1.5	2.2										3.6	3.0
ESE	.7											.7	2.0
SE													
SSE	1.5											1.5	1.5
S	2.2	1.5										3.6	2.6
SSW	2.2	1.5	.7									4.4	3.5
SW	2.5	2.5	.7									6.6	4.2
WSW	5.1	6.6	.7									12.4	4.1
W	3.6	1.5	.7									5.8	3.3
WNW		1.5										1.5	4.0
NW		.7										.7	4.0
NNW													
VARIABLE			.7									.7	9.0
CALP	////////////////////////////////////											55.5	////
TOTALS	21.9	19.0	3.6									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 137

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM POLRLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: SEP HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2											.2	1.0
NNE	.4											.4	1.5
NE	.2											.2	2.0
ENE	1.4	.4										1.8	2.8
E	1.1	1.2	.2									2.5	4.4
ESE	.4	.2										.5	2.7
SE													
SSE	1.5											1.8	1.3
S	1.6											1.6	1.5
SSW	3.1	1.2	.2									4.5	3.2
SW	3.1	3.5	.7	.2								7.9	4.4
WSW	3.2	4.7	.5	.2								8.6	4.1
W	2.9	4.5	1.8	.5								9.7	5.4
WNW	.7	.5	.9	.2								2.7	5.5
NW		.2	.2									.4	8.0
NNW	.4	.4										.7	3.5
VARIABLE			.2	.2								.4	11.5
CALM	////////////////////											56.2	////
TOTALS	20.2	17.6	4.7	1.2								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS: 557

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,8C-86  
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
A	1.1	.4										1.5	3.0
NNE	.4	.9	.2									1.5	4.3
NE	1.1	.5										1.6	2.3
ENE	2.5	2.0	.4									4.9	3.7
E	3.4	2.7	.7									6.9	3.9
ESE	.2		.2									.4	0.5
SE	.2	.2										.4	4.0
SSE		.2										.2	4.0
S	1.6	.4	.2									2.2	2.7
SSW	2.4	1.5	.9	.2								4.9	4.5
SW	3.1	3.6	.7									7.4	4.3
WSW	4.7	3.6	.9									9.3	3.7
W	3.3	6.5	2.4	.7								12.9	5.4
WNW	3.9	2.7	.9	.5								8.0	4.4
NW	.7	1.1	.4									2.2	4.5
NNW	.7	.2	.4									1.3	4.4
VARIABLE		.2	.7	.5								1.5	9.4
CALP	////////////////////											33.2	////
TOTALS	29.2	26.7	8.9	2.0								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 551

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM POLARLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: SEP HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	1.6									4.3	3.2
NNE	1.6	1.4									2.9	3.1
NE	2.1	2.3	.2								4.7	4.0
NNE	3.9	4.3	.8								8.9	3.9
E	3.3	3.3	2.9								9.5	5.2
ESE	.4	.2									.6	3.1
SE	.2										.2	3.0
SSE												
S	.6										.6	2.0
SSW	1.2	1.4	.8								3.9	4.5
SW	.6	1.2	.2								1.9	4.7
WSW	1.6	3.1	2.3	.2							7.2	5.6
W	2.9	8.9	3.1	.8							15.3	5.5
WNW	4.8	6.0	1.6	.2	.2						12.8	4.6
NW	2.1	2.7	1.0								5.8	4.2
NNW	2.9	2.3	.4	.2							5.8	4.1
VARIABLE			1.9								1.9	8.4
CALP	////////////////////										13.8	////
TOTALS	30.8	38.2	15.1	1.4	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 516

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,81-86  
MONTH: SEP HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	.8	.3	.3							2.8	4.2
NNE	.9	1.1	.3								2.2	4.0
NE	2.9	2.0									4.9	3.2
ENE	5.2	3.9	1.1								10.4	3.8
E	2.5	6.7	1.1								10.4	4.5
ESE			.6								.6	9.0
SE	.3										.3	2.0
SSE	.3										.3	1.0
S	1.1										1.1	1.8
SSW	2.0	1.7	.6	.3							4.5	4.5
SW	2.0	3.4	.3								5.6	3.9
WSW	1.1	4.2	1.7	.3							7.3	5.6
W	3.4	3.7	2.8								9.9	4.9
WNW	4.2	5.9	1.1	.3							11.5	4.4
NW	2.5	3.7	1.1								7.3	4.5
NNW	3.9	2.0									5.9	3.1
VARIABLE		.3	.8								1.1	8.2
CALP	////////////////////										14.0	////
TOTALS	33.7	19.2	11.8	1.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 356

GLOBAL CLIMATOLOGY BRANCH  
 METAC  
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,81-83  
 MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N												
NNE												
NE	4.2										4.2	2.3
NNE	4.2	2.8									7.0	3.0
E	1.4	5.6									7.0	4.4
ESE												
SE												
SSE	1.4										1.4	2.0
S												
SSW			2.8								2.8	8.0
SW	9.9	2.8									12.7	2.6
WSW	1.4	5.6	1.4								8.5	4.5
W		2.8	2.8								5.6	6.2
WNW	5.6	1.4									7.0	2.8
NW		1.4									1.4	4.0
NNW	2.8										2.8	1.0
VARIABLE												
CALM	////////////////////										39.4	////
TOTALS	31.0	22.5	7.0								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
A	1.2	.6	.0	.0								1.9	3.4
NAE	.7	.7	.1									1.5	3.5
NE	1.4	1.0	.0									2.5	3.4
EAE	3.1	2.4	.5									5.9	3.7
E	2.5	3.2	1.1									6.8	4.5
ESE	.3	.1	.1									.5	4.3
SE	.1	.0										.2	3.3
SSE	.6	.0										.7	1.5
S	1.3	.2	.0									1.5	2.3
SSW	2.1	1.5	.7	.1								4.4	4.2
SW	2.5	3.0	.5	.0								6.1	4.2
WSW	2.9	4.1	1.3	.1								8.5	4.5
W	3.0	5.6	2.4	.5								11.5	5.3
WNW	3.2	3.4	1.0	.3	.0							7.9	4.5
NW	1.1	1.6	.5									3.3	4.5
NNW	1.7	1.0	.2	.0								2.9	3.7
VARIABLE		.1	.9	.2								1.1	9.0
CALP	////////////////////											33.0	////
TOTALS	27.7	28.7	9.4	1.3	.0							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 2188



GLOBAL CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 84  
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N													
NNE													
NNE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	////////////////////											100.0	////
TOTALS												100.0	.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: OCT HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.5										.9	1.6
NNE													
NE		.2	.4									.5	3.2
ENE	1.6	.2										2.0	2.5
E	1.1	.2	.7									2.0	4.5
ESE	.5	.4	.2									1.1	3.5
SE	.5	.4										.9	3.0
SSE	1.5	.2										1.6	2.3
S	2.6	1.2	.2									4.0	3.1
SSW	1.6	1.6	.5	.2								4.0	4.5
SW	2.6	2.9	.9	.2								6.6	4.6
WSW	2.7	2.7	1.3									6.8	4.4
W	2.0	2.0	1.6	.2								5.9	5.2
WNW	1.1	.5	.2									1.8	3.5
NW	.7	.5										1.3	2.6
NNW	.4											.4	2.5
VARIABLE		.2	1.1	.4								1.6	9.2
CALM	////////////////////											58.4	////
TOTALS	20.2	13.6	6.8	.5								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	.2										1.0	2.4
NNE	.4											.4	1.5
NE	1.1	.2										1.5	2.1
ENE	1.7	.4	.8									2.9	4.1
E	2.7	.6	1.0									4.2	3.6
ESE	.2	.4										.6	3.7
SE	.6											.6	1.1
SSE	1.5	.2										1.7	2.2
S	1.7	.6	.6	.2								3.0	4.4
SSW	1.0	2.7	1.3	.8								7.8	5.2
SW	1.7	2.7	1.1									5.5	4.7
WSW	2.1	3.0	1.0									6.1	4.6
W	2.9	4.6	1.3	.2								9.9	4.5
WNW	1.9	3.0	.4	.2								5.5	4.5
NW	1.5	.8										2.3	3.0
NNW	1.3											1.3	1.5
VARIABLE			1.0	.4								1.3	10.6
CALM	////////////////////////////////////											45.4	////
TOTALS	25.3	19.2	8.4	1.7								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 526

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: OCT HOURS: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.1	1.0									4.1	3.0
NNE	2.1	.8									2.9	3.0
NE	4.9	2.7	.4								8.0	3.3
ENE	3.9	2.7	1.2								7.8	3.9
E	3.3	1.6	1.0								5.9	4.3
ESE												
SE												
SSE	.2										.2	2.0
S	.6	1.8	.8								3.1	5.9
SSW	1.4	2.2	1.4	.4							5.4	5.4
SW	1.2	.2	.6								1.9	4.4
WSW	1.8	2.7	.6	.4							5.4	4.9
W	2.9	5.4	1.9	1.2							11.5	5.8
WNW	3.9	4.9	.8	.2							9.7	4.1
NW	2.9	3.2	.6								6.8	3.9
NNW	4.1	2.2	.2								6.6	3.3
VARIABLE			1.0	.6							1.6	11.1
CALM	////////////////////										19.1	////
TOTALS	38.2	31.1	10.3	2.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 514

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,01-86  
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.1	.8	.3									4.2	2.8
NNE	3.7	1.0										4.7	2.7
NE	6.6	2.1										8.7	3.1
ENE	6.8	5.2	.8									12.9	3.5
E	1.8	2.4	.3									4.5	3.5
ESE													
SE	.3											.3	2.0
SSE	.3											.3	1.0
S	.5	1.8	.3	.3								2.9	5.8
SSW	.5	.8	.8									2.1	5.4
SW	1.8	2.1	.5									4.5	4.2
WSW	2.1	2.5	1.3									6.3	4.5
W	3.1	4.5	1.8	.5								10.0	4.5
WNW	4.2	3.4	.3	.5								8.4	4.0
W	1.6	1.0	.5	.3								3.4	4.5
NNW	3.1	1.8										5.0	2.5
VARIABLE			.5	.8								1.3	11.4
CALP	////////////////////											20.7	////
TOTALS	39.6	29.5	7.3	2.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 381

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM POLARLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,81-84  
MONTH: OCT HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1											1.1	2.0
NNE													
NE		1.1										1.1	5.0
NNE	8.9	1.1	1.1									11.1	2.6
E	4.4	3.3										7.8	3.4
ESE													
SE													
SSE													
S	1.1	2.2										3.3	4.7
SSW		1.1	1.1									2.2	6.5
SW	2.2		1.1									3.3	4.0
WSW		6.7										6.7	4.5
W	4.4	1.1	2.2									7.8	3.5
WNW			2.2	1.1								3.3	9.7
W		1.1		1.1								2.2	4.0
WNW													
VARIABLE													
CALM	////////////////////											50.0	////
TOTALS	22.2	17.6	7.8	2.2								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 90

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOLRLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
 MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.8	.4	.0									2.3	2.7
NNE	1.3	.4										1.7	2.8
NE	2.8	1.3	.1									4.2	3.1
ENE	3.5	1.8	.7									6.1	3.5
E	2.3	1.2	.7									4.2	4.0
ESE	.2	.2	.0									.4	3.6
SE	.3	.1										.4	2.3
SSE	.9	.1										1.0	2.2
S	1.4	1.4	.4	.1								3.3	4.6
SSW	1.7	1.9	1.0	.3								4.9	5.1
SW	1.8	1.9	.8	.0								4.6	4.5
WSW	2.1	3.0	1.0	.1								6.2	4.6
W	2.8	3.9	1.7	.5								8.9	5.2
WNW	2.5	2.8	.5	.2								6.0	4.3
NW	1.6	1.4	.2	.1								3.4	3.8
NNW	2.0	.9	.0									3.0	3.0
VARIABLE		.0	.9	.5								1.4	10.5
CALM	////////////////////////////////////											37.9	////
TOTALS	29.2	22.7	8.2	1.9								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 2058

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
USAFETAC      FROM POLARLY OBSERVATIONS  
AIR WEATHER SERVICE/MAC

STATION NUMBER: 1C9711    STATION NAME: BO BAKER AAF GERMANY      PERIOD OF RECORD: 76-78,8C-R5  
MONTH: NOV    HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	.2	.6								1.4	5.4
NAC	.4		.2								.6	4.0
NE	.6	.4									1.0	2.8
EAE	1.6	2.3	.8								4.7	4.4
E	1.4	1.4	1.2								3.9	4.8
ESE	1.4	.6									2.0	2.6
SE	1.0	.2									1.2	2.8
SSE	1.0										1.0	1.8
S	2.1	1.0		.4							3.5	4.0
SSW	2.1	2.1	1.0	.4							5.7	5.2
SW	2.0	2.3	1.8	.2							6.3	5.1
WSW	.8	2.8	3.7	.2							7.2	6.4
W	1.9	2.7	3.5	1.2							9.2	6.9
WNW	.6	1.0	.2								1.8	5.0
NW	.4	.2									.6	3.7
NNW	.2	.2									.4	3.8
VARIABLE		.2	.6	.2		.7					1.2	11.2
CALM	////////////////////////////////////										48.6	////
TOTALS	17.8	17.4	13.5	2.1		.2					100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 512



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
A	.4	.4										.8	3.1
NNE	1.0	.2	.6									1.8	4.3
NE	.6	.2	.2									1.0	3.4
ENE	1.4	2.0	1.4									5.6	5.0
E	2.0	1.6	.6									4.2	3.5
ESE	.2	.2										.4	3.5
SE	.6											.6	2.3
SSE	2.0	.2										2.2	2.0
S	1.4	1.0	.6									3.0	3.5
SSW	1.6	1.4	2.0	.2								5.2	5.6
SW	1.0	3.0	1.8									5.8	5.2
WSW	1.4	3.2	1.2	.4								6.2	5.2
W	1.8	5.0	2.8	2.4	.2							12.3	7.2
WNW	.6	1.8	.4									2.8	5.1
NW	.4	.4										.8	3.5
NNW	.6	.6										1.4	3.7
VARIABLE			1.2	.4								1.6	10.0
CALM	////////////////////											44.1	////
TOTALS	17.1	22.3	12.9	3.4	.2							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 497

GLOBAL CLIMATOLOGY BRANCH  
JSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: NOV HOUR(S) (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.0										2.1	3.2
NNE	2.3	1.2	.2									3.7	3.1
NE	.8	1.0	.2									2.1	4.0
NNE	2.5	2.1	2.3	.2								7.6	5.5
E	1.4	2.1	2.1									5.5	5.2
ESE	.2											.2	2.0
SE	.8	.2										1.0	2.6
SSE	.4	.2										.6	2.7
S	.4	1.0	.4									2.7	5.0
SSW	1.0	1.0	.8									4.3	4.1
SW		1.0	1.2									2.9	6.5
WSW	1.9	2.3	1.0	.2								6.2	5.6
W	2.7	5.1	5.1	3.5	.2	.2						17.5	7.5
WNW	3.3	2.1	.2	.4								6.0	4.3
NW	2.9	3.3	.2									6.2	3.6
NNW	3.3	.8		.2								4.3	3.0
VARIABLE			.2	.2								.4	12.5
CALM	////////////////////											26.9	////
TOTALS	25.7	27.5	14.8	4.7	.2	.2						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 467

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM POLARLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 76-78, 80-85  
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	.2										1.5	2.0
NNE	2.2	.5	.3									3.0	3.2
NE	2.0	.3	.3									3.3	2.9
ENE	3.3	2.8	1.8									7.9	4.5
E	1.5	3.8	2.5									7.9	5.4
ESE	.5											.5	2.0
SE	.5											.5	2.0
SSE	.8											.8	2.3
S	.8	1.3										2.0	4.4
SSW	1.3	1.3	1.3									3.8	5.1
SW	1.0	2.0	.5									3.6	4.4
WSW	1.0	3.0	2.3	1.2								7.6	7.1
W	2.2	2.0	6.1	1.2								11.7	7.2
WNW	4.2	1.8	.5	.2								6.9	3.6
NW	2.0	.8	.5									3.3	3.4
NNW	3.2	.2	.3									3.8	2.7
VARIABLE		.2										.3	6.0
CALM	////////////////////											31.7	////
TOTALS	28.5	20.2	16.2	2.8								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 394

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,81-84  
MONTH: NOV HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5											.9	2.0
NAC	.9											.9	2.0
NE	.5	.5										1.9	3.0
ENE	.5	.9										1.9	3.5
E	2.8	2.8	1.9									7.5	4.2
ESE													
SE													
SSE	1.5											1.9	2.0
S	1.5	.5										2.8	3.0
SSW	2.8	.5	1.9									5.7	4.8
SW	1.9	2.8	.9									5.7	4.7
WSW	2.8	.5	4.7									8.5	5.9
W	.5	3.8	1.9	2.8								9.4	8.1
WAW		3.8	1.9	.5								6.6	6.4
NW													
NNW	.5	.5	.9									2.8	4.7
VARIABLE													
CALP	////////////////////											43.4	////
TOTALS	19.9	10.5	14.2	3.8								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 106

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: NOV HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	.5	.2								1.4	3.5
NNE	1.4	.5	.3								2.2	3.4
NE	1.1	.5	.2								1.8	3.2
ENE	2.1	2.6	1.5	.1							6.1	4.5
E	1.7	2.2	1.6								5.4	4.5
ESE	.6	.2									.8	2.6
SE	.7	.1									.8	2.4
SSE	1.1	.1									1.2	2.3
S	1.3	1.3	.3	.1							2.9	4.2
SSW	1.5	1.6	1.3	.2							4.9	5.1
SW	1.1	2.3	1.4	.1							4.8	5.2
WSW	1.4	2.7	2.4	.5							6.9	6.1
W	2.1	4.0	4.2	2.2	.1	.1					12.5	7.3
WNW	2.0	1.8	.4	.2							4.3	4.5
NW	1.3	1.1	.2								2.5	3.5
NNW	1.7	.6	.1	.1							2.4	3.1
VARIABLE		.1	.5	.2		.1					.9	10.5
CALM	////////////////////										38.6	////
TOTALS	21.8	21.7	14.2	3.4	.1	.1					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 1996

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: RO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: DEC HOUR(S) 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4										.4	2.5
NNE	.4	.4									.8	4.0
NE	.4	.6									1.0	3.8
ENE	2.2	1.6	.4								4.2	3.7
E	2.2	.2	1.2								3.6	3.8
ESE	1.2	.6									1.8	2.8
SE	1.2										1.2	1.8
SSE	1.4	.2									1.6	2.6
S	3.2	1.6	.2	.2	.2						5.4	4.2
SSW	1.6	3.4	1.2	1.4							7.6	6.5
SW	2.0	4.0	3.6	1.2	.2						10.9	6.6
WSW	2.8	2.6	2.0	1.0		.2					8.5	6.2
W	1.4	3.4	4.2	1.0	.6						10.5	7.5
WNW	.4	1.0	.2	.4							2.0	5.5
NW	.2										.2	2.0
NNW			.2								.2	8.0
VARIABLE				.2	.2						.4	18.0
CALM	////////////////////////////////////										39.8	////
TOTALS	20.5	19.5	13.1	5.4	1.2	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 503

AD-A188 346

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs)

2/3

NO BAKER AAF GERMANY (U) AIR FORCE ENVIRONMENTAL

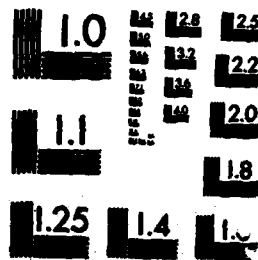
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 87

UNCLASSIFIED

USAFETAC/DS-87/868

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2										.2	1.0
NNE	.2										.2	3.0
NE	.4	.4									.7	3.5
ENE	2.3	1.0	.5								4.7	3.9
E	1.1	1.4	1.3	.5							4.5	5.4
ESE	1.1										1.1	1.8
SE	1.1	.5									1.8	2.7
SSE	1.4	.4									1.8	2.6
S	1.4	.4	.2	.2							2.2	4.4
SSW	2.3	2.2	2.3	.4							7.2	5.5
SW	1.6	3.0	5.2	.4	.2						11.2	6.4
WSW	1.0	3.0	2.3	1.1	.4						9.4	6.8
W	1.8	4.0	3.6	1.3							10.6	6.8
WNW	.5	.2		.4							1.1	6.5
NW	.2	.2									.4	4.0
NNW	.2	.2									.4	3.5
VARIABLE			.4	.2							.5	10.7
CALP	////////////////////										42.2	////
TOTALS	18.0	19.1	19.9	4.2	.5						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 555

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO DAKER AAF GERMANY

PERIOD OF RECORD: 76-78, 80-85  
MONTH: DEC HOURS (LST): 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6											.6	1.7
NNE	.2	.4										.6	4.0
NE	.8											.8	1.6
ENE	2.0	2.0	1.2	.4								5.5	5.2
E	1.4	2.2	1.2	.4								5.1	5.7
ESE	1.2											1.2	2.0
SE	.6											.6	2.0
SSE	.8	.2										1.0	2.2
S	2.0	.6	.4									2.9	3.2
SSW	1.4	.8	1.2	.2								3.5	5.9
SW	3.3	3.9	2.6	.2								10.0	5.1
WSW	.2	4.7	2.0	.8								7.7	6.5
W	1.4	6.5	5.3	1.6	.4							15.1	7.2
WNW	2.6	1.2	1.0	.4								5.1	5.0
NW	.8	.4	.2									1.4	3.7
NNW	1.2	.8										2.0	3.1
VARIABLE													
CALM	////////////////////											36.9	////
TOTALS	20.2	23.6	14.9	3.9	.4							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 509

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: DEC HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3										.3	2.0
NNE	.5										.5	3.0
NE	.5										.5	2.0
NNE	2.7	1.1	1.6	.3							5.6	4.9
E	2.1	2.5	1.6	.8							7.0	5.8
ESE	.3										.3	2.0
SE	.3	.2									.5	2.5
SSE	1.1	.3									1.3	2.8
S	1.1	.2									1.3	2.4
SSW	.8	3.2	1.1	.2	.3						5.6	6.2
SW	.5	2.4	.8	.2							4.0	5.5
WSW	1.1	6.7	1.3	.2							9.4	5.6
W	2.1	6.2	5.9	1.3	.8	.5					16.9	7.4
WNW	.4	1.2	1.3								3.5	5.1
NW	.4	1.2	.5	.5							3.2	5.8
NNW	1.3										1.3	1.8
VARIABLE		.2									.3	6.0
CALM	////////////////////										37.8	////
TOTALS	16.4	26.7	14.2	3.8	1.1	.5					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 373

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,81-84  
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N												
NNE												
NE												
ENE		1.4		1.4							2.7	10.5
E		6.8									6.8	5.6
ESE												
SE	1.4	1.4									2.7	3.0
SSE	1.4										1.4	1.0
S	1.4		1.4								2.7	4.0
SSW	4.1		1.4								5.5	3.8
SW	1.4	2.7	2.7								6.8	6.0
WSW		9.4	1.4	1.4							12.3	6.6
W	2.7	5.5		2.7							11.0	6.4
WNW	1.4										1.4	2.0
W	1.4	1.4									2.7	3.5
WNW		2.7									2.7	5.5
VARIABLE				1.4							1.4	12.0
CALM	////////////////////										39.7	////
TOTALS	15.1	31.5	6.8	6.8							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 73

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: DO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: DEC HOUR(S): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	.3										.3	1.5
NNE	.3	.2									.5	3.7
NNE	.5	.2									.7	2.5
ENE	2.2	1.6	.8	.2							4.9	4.6
E	1.6	1.8	1.2	.4							5.1	5.2
ESE	.9	.1									1.1	2.3
SE	.9	.2									1.1	2.4
SSE	1.2	.2									1.4	2.5
S	1.9	.7	.2	.1	.0						3.0	3.9
SSW	1.7	2.2	1.5	.5	.0						6.0	5.9
SW	1.9	3.6	3.2	.5	.1						9.3	6.1
WSW	1.4	4.5	1.9	.8	.1	.0					8.8	6.4
W	1.7	4.5	4.5	1.2	.4	.1					12.9	7.2
WNW	1.1	.8	.5	.2							2.8	5.3
NW	.5	.4	.1	.1							1.2	4.7
NNW	.6	.2	.0								1.0	3.3
VARIABLE		.1	.1	.1	.0						.3	11.7
CALM	////////////////////										39.3	////
TOTALS	10.9	22.1	14.3	4.5	.7	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 2013

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-86  
MONTH: ALL HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	.8	.1	.C							2.4	3.3
NNE	.9	.9	.2	.C							2.0	3.8
NE	1.4	1.2	.3	.C							2.9	3.9
ENE	2.5	2.0	1.3	.2							6.8	4.7
E	2.2	2.6	2.1	.4	.0						7.4	5.6
ESE	.6	.2	.1	.C	.0						.9	3.7
SE	.5	.1	.0								.6	2.6
SSE	.8	.5	.1	.C	.0						1.1	2.9
S	1.4	.8	.3	.1	.0						2.6	4.0
SSW	1.8	2.0	1.1	.2	.0	.0					5.2	5.0
SW	1.9	2.0	1.3	.2	.0						6.2	5.1
WSW	1.9	3.2	1.8	.4	.1	.0					7.4	5.6
W	2.7	4.2	3.6	1.2	.2	.0	.C				12.3	6.6
WNW	2.1	2.5	1.2	.3	.0						6.1	5.2
NW	1.1	1.2	.6	.1	.0						3.3	4.8
NNW	1.4	1.0	.3	.C							2.7	3.9
VARIABLE	.C	.9	.2	.0	.3						1.2	9.6
CALP	////////////////////										28.9	////
TOTALS	24.6	27.2	15.3	3.6	.4	.1	.C				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 25316

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO DAKER AAF GERMANY

PERIOD OF RECORD: 76-78, 80-86  
MONTH: ALL HOURS (LAST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR  
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	.6	.2								2.0	3.1
NNE	1.1	1.1	.2	.C							2.5	3.5
NE	1.9	1.9	.2	.C							4.0	3.6
ENE	3.7	4.4	2.2	.3							10.6	4.5
E	1.9	3.4	3.1	.9							9.3	6.1
ESE	.2	.2	.1		.0						.4	5.5
SE	.3	.1									.4	2.4
SSE	.2	.1									.4	2.1
S	.3	.4	.1								.8	4.0
SSW	1.2	.7	.3	.1	.0	.0					2.3	4.5
SW	.9	1.1	.6	.2							2.9	5.1
WSW	1.5	2.9	2.0	.5	.1						6.9	6.0
W	3.4	6.2	5.3	1.4	.2	.1	.C				16.6	6.4
WNW	2.8	3.0	1.2	.2	.1						7.3	4.8
NW	1.5	1.4	.5	.1							3.5	4.2
NNW	1.6	.5	.3	.1							2.9	3.8
VARIABLE		.1	.7	.1							.9	8.5
CALP	////////////////////										26.3	////
TOTALS	23.5	20.1	16.9	3.5	.4	.1	.C				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 1618

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## CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

### CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

#### NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER. HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

### SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 16C	GE 9C	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL	28.6	29.0	29.4	29.6	29.6	29.8	30.5	30.5	30.7	30.7	31.3	31.5	31.8	31.8	32.4	
GE 2000	33.7	34.3	34.7	35.0	35.2	35.4	36.2	36.2	36.5	36.5	37.1	37.5	37.9	37.9	38.4	
GE 1800	33.7	34.3	34.7	35.0	35.2	35.4	36.2	36.2	36.5	36.5	37.1	37.5	37.9	37.9	38.4	
GE 1600	33.7	34.3	34.7	35.0	35.2	35.4	36.2	36.2	36.5	36.5	37.1	37.5	37.9	37.9	38.4	
GE 1400	34.5	35.0	35.4	35.8	36.0	36.2	36.9	36.9	37.3	37.3	37.9	38.2	38.6	38.6	39.2	
GE 1200	34.8	35.4	35.8	36.2	36.3	36.5	37.3	37.3	37.7	37.7	38.2	38.6	39.0	39.0	39.5	
GE 1000	35.4	36.0	36.5	36.9	37.1	37.3	38.0	38.0	38.4	38.4	39.0	39.4	39.7	39.7	40.3	
GE 900	36.9	37.5	38.0	38.4	38.6	38.8	39.5	39.5	40.3	40.3	40.9	41.2	41.8	41.8	42.4	
GE 800	39.9	40.7	41.2	41.6	41.8	42.0	43.1	43.1	43.5	43.5	44.1	44.4	45.0	45.0	45.6	
GE 700	42.6	43.3	43.9	44.3	44.4	44.6	45.8	45.8	46.1	46.1	46.7	47.1	47.6	47.6	48.2	
GE 600	42.6	43.3	43.9	44.3	44.4	44.6	45.8	45.8	46.1	46.1	46.7	47.1	47.6	47.6	48.2	
GE 500	42.9	43.7	44.4	44.8	45.0	45.2	46.3	46.3	46.7	46.7	47.3	47.6	48.2	48.2	48.8	
GE 450	43.3	44.1	44.8	45.2	45.6	45.8	46.9	46.9	47.3	47.3	47.8	48.2	48.8	48.8	49.3	
GE 400	45.6	46.3	47.1	47.5	47.8	48.0	49.2	49.2	49.7	49.7	50.3	50.7	51.2	51.2	51.8	
GE 350	48.6	49.7	50.5	50.8	51.2	51.4	52.5	52.5	53.1	53.1	53.7	54.0	54.6	54.6	55.2	
GE 300	52.0	53.1	54.0	54.4	54.8	55.0	56.1	56.1	56.7	56.7	57.3	57.6	58.2	58.2	58.8	
GE 250	57.4	59.1	60.3	60.6	61.0	61.2	62.3	62.3	62.9	62.9	63.5	63.8	64.4	64.4	65.0	
GE 200	59.3	61.4	62.7	63.7	64.0	64.6	65.9	65.9	66.5	66.5	67.2	67.6	68.2	68.2	68.7	
GE 180	60.8	62.9	64.4	65.5	65.9	66.5	67.8	67.8	68.4	68.4	69.1	69.5	70.1	70.1	70.6	
GE 150	63.7	66.1	68.5	69.7	70.4	71.4	72.9	72.9	73.4	73.4	74.2	74.6	75.1	75.1	75.7	
GE 120	63.7	66.1	68.5	70.1	71.6	73.1	75.0	75.3	76.1	76.1	76.8	77.4	78.0	78.0	78.5	
GE 100	64.0	66.5	69.3	71.0	73.3	75.7	78.2	78.5	80.2	81.0	82.3	83.1	83.6	83.6	84.2	
GE 90	64.0	66.5	69.3	71.0	73.3	75.7	78.2	78.5	80.6	81.5	83.2	84.0	84.6	84.6	85.1	
GE 80	64.0	66.5	69.3	71.2	73.4	75.9	78.3	78.7	81.2	82.1	84.6	85.5	86.1	86.3	86.8	
GE 70	64.2	66.7	69.5	71.6	73.8	76.5	78.9	79.5	82.9	84.2	87.2	88.3	88.9	89.1	89.6	
GE 60	64.2	66.7	69.5	71.6	73.8	76.5	79.1	79.7	83.2	84.6	89.1	90.6	91.5	92.1	92.7	
GE 50	64.2	66.7	69.5	71.6	73.8	76.6	79.3	79.8	84.0	85.5	90.2	91.9	93.0	94.0	94.5	
GE 40	64.2	66.7	69.5	71.6	73.8	76.6	79.5	80.0	84.2	85.9	91.0	92.8	94.4	95.5	96.0	
GE 30	64.2	66.7	69.5	71.6	73.8	76.6	79.5	80.0	84.6	86.3	91.5	93.8	96.2	97.4	97.9	
GE 20	64.2	66.7	69.5	71.6	73.8	76.6	79.5	80.0	84.7	86.4	91.9	94.2	97.2	98.7	99.2	
GE 10	64.2	66.7	69.5	71.6	73.8	76.6	79.5	80.0	84.7	86.4	91.9	94.2	97.2	98.7	100.0	
GE C	64.2	66.7	69.5	71.6	73.8	76.6	79.5	80.0	84.7	86.4	91.9	94.2	97.2	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 531

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BQ BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	1 160	6 90	6 80	6 60	6 48	6 40	6 32	6 24	6 20	6 16	6 12	6 10	6 8	6 5	6 4	6 C
NO CEIL	26.4	26.4	27.4	27.5	27.5	27.5	27.5	27.9	28.1	28.1	28.3	28.5	28.5	28.8	29.2	
GE 20000	31.2	31.6	32.7	32.9	32.9	32.9	32.9	33.3	33.5	33.6	34.0	34.2	34.2	34.6	35.3	
GE 18000	32.5	32.9	34.0	34.2	34.2	34.2	34.2	34.6	34.9	35.1	35.5	35.7	35.7	36.0	36.8	
GE 16000	32.9	33.3	34.4	34.6	34.6	34.6	34.6	34.9	35.3	35.5	35.9	36.0	36.0	36.4	37.2	
GE 14000	34.0	34.4	35.5	35.7	35.7	35.7	35.7	36.0	36.4	36.6	37.0	37.2	37.2	37.5	38.3	
GE 12000	34.4	34.8	35.9	36.1	36.1	36.1	36.1	36.4	36.8	37.0	37.3	37.5	37.5	37.9	38.6	
GE 10000	35.5	35.9	37.0	37.2	37.2	37.2	37.2	37.5	37.9	38.1	38.4	38.6	38.6	39.0	39.7	
GE 9000	37.2	37.5	38.6	38.8	38.8	38.8	38.8	39.2	39.6	39.7	40.1	40.3	40.3	40.7	41.4	
GE 8000	40.5	40.9	42.0	42.1	42.1	42.1	42.1	42.5	42.9	43.1	43.4	43.6	43.6	44.0	44.7	
GE 7000	44.2	44.5	45.6	46.0	46.0	46.0	46.0	46.4	46.8	47.0	47.3	47.5	47.5	47.9	48.6	
GE 6000	44.7	45.1	46.2	46.4	46.4	46.4	46.4	47.0	47.3	47.7	47.9	48.2	48.4	48.8	49.5	
GE 5000	45.5	45.8	47.5	47.7	47.7	47.7	47.7	48.1	48.4	48.6	49.0	49.2	49.2	49.5	50.3	
GE 4500	46.8	47.1	48.8	49.0	49.0	49.0	49.0	49.4	49.7	49.9	50.3	50.5	50.5	50.8	51.6	
GE 4000	51.6	51.9	53.8	54.0	54.0	54.0	54.0	54.4	54.9	55.1	55.5	55.6	55.6	56.0	56.7	
GE 3500	54.9	55.3	57.1	57.3	57.3	57.3	57.3	57.7	58.2	58.4	58.8	59.0	59.0	59.3	60.1	
GE 3000	58.6	59.0	61.2	61.4	61.4	61.4	61.4	62.1	62.7	62.8	63.2	63.4	63.4	63.8	64.5	
GE 2500	63.6	64.1	66.4	66.7	66.7	66.7	66.7	67.3	67.7	68.2	69.4	68.8	68.9	69.3	70.1	
GE 2000	65.4	66.4	69.5	70.1	70.6	71.0	71.5	71.9	72.5	72.6	73.2	73.6	73.6	73.9	74.7	
GE 1800	66.2	67.5	70.8	71.5	72.1	72.5	73.2	73.6	74.1	74.3	74.9	75.2	75.2	75.6	76.3	
GE 1600	66.4	67.7	71.2	71.9	72.5	72.8	73.6	73.9	75.2	75.4	76.0	76.3	76.3	76.7	77.4	
GE 1400	66.4	67.8	71.7	72.8	73.6	74.3	75.6	76.0	77.4	77.8	78.4	78.7	78.7	79.1	79.9	
GE 1000	66.4	67.8	72.3	73.6	74.7	75.8	77.6	78.0	80.8	82.1	83.4	83.7	84.1	84.5	85.2	
GE 900	66.4	67.8	72.3	73.6	74.7	75.8	77.6	78.0	80.8	82.1	83.4	83.7	84.1	84.5	85.2	
GE 800	66.4	67.8	72.3	73.6	74.7	75.8	77.6	78.0	80.8	82.1	83.4	83.7	84.1	84.5	85.2	
GE 700	66.4	67.8	72.3	73.6	74.7	75.8	77.6	78.0	80.8	82.1	83.4	83.7	84.1	84.5	85.2	
GE 600	66.5	68.0	72.5	73.8	75.0	76.9	79.7	80.2	84.7	87.8	89.5	91.3	92.2	92.6	93.3	
GE 500	66.5	68.0	72.5	73.8	75.0	76.9	80.2	80.8	86.0	89.6	91.5	93.3	94.3	95.2	95.9	
GE 400	66.5	68.0	72.5	73.8	75.0	76.9	80.2	80.8	86.0	89.6	91.5	93.3	94.3	95.2	95.9	
GE 300	66.5	68.0	72.5	73.8	75.0	76.9	80.2	80.8	86.0	89.6	91.5	93.3	94.3	95.2	95.9	
GE 200	66.5	68.0	72.5	73.8	75.0	76.9	80.2	80.8	86.0	89.6	91.5	93.3	94.3	95.2	95.9	
GE 100	66.5	68.0	72.5	73.8	75.0	76.9	80.2	80.8	86.0	89.6	91.5	93.3	94.3	95.2	95.9	
GE C	66.5	68.0	72.5	73.8	75.0	76.9	80.2	80.8	86.0	89.6	91.5	93.3	94.3	95.2	95.9	

TOTAL NUMBER OF OBSERVATIONS: 541

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JAN HOURS (LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	C
NO CEIL	1	28.3	28.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 20000	1	34.1	34.5	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2
GE 18000	1	34.9	35.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0
GE 16000	1	34.9	35.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000	1	35.3	35.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4
GE 12000	1	36.4	36.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	1	38.2	38.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.5	40.7	40.7	40.7	40.7	40.7	40.7
GE 9000	1	39.9	40.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	42.1	42.4	42.4	42.4	42.4	42.4	42.4
GE 8000	1	41.9	42.6	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.8	45.0	45.0	45.0	45.0	45.0	45.0
GE 7000	1	45.5	46.1	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.6	48.8	48.8	48.8	48.8	48.8	48.8
GE 6000	1	46.1	46.7	48.6	48.8	48.8	48.8	48.8	48.8	48.8	49.2	49.4	49.4	49.4	49.4	49.4	49.4
GE 5000	1	47.3	47.9	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.4	50.6	50.6	50.6	50.6	50.6	50.6
GE 4500	1	48.1	48.8	50.6	50.8	50.8	50.8	50.8	50.8	50.8	51.2	51.4	51.4	51.4	51.4	51.4	51.4
GE 4000	1	52.3	52.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.6	55.8	55.8	55.8	55.8	55.8	55.8
GE 3500	1	55.8	56.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	59.1	59.3	59.3	59.3	59.3	59.3	59.3
GE 3000	1	62.0	63.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 2500	1	67.6	69.0	71.3	71.7	71.7	72.1	72.3	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2000	1	70.7	72.7	75.2	75.6	76.2	77.7	77.9	78.1	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1800	1	71.7	73.8	77.1	77.5	78.3	79.8	80.2	80.4	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500	1	72.1	74.2	77.9	78.3	79.3	81.2	81.6	81.8	83.1	83.7	83.7	83.9	83.9	83.9	83.9	83.9
GE 1200	1	72.1	74.2	78.7	79.3	80.4	82.4	83.1	83.5	84.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0
GE 1000	1	72.1	74.2	78.7	79.5	80.8	83.1	85.1	85.3	87.4	89.3	89.5	89.9	90.7	90.7	90.7	90.7
GE 900	1	72.1	74.2	78.7	79.5	80.8	83.1	85.3	85.5	88.4	90.3	90.5	90.9	91.7	91.7	91.7	91.7
GE 800	1	72.1	74.2	78.7	79.8	81.2	84.1	86.6	86.8	90.3	92.1	92.4	92.8	93.6	93.6	93.6	93.6
GE 700	1	72.1	74.2	78.7	79.8	81.2	84.1	87.0	87.4	90.9	92.8	93.0	93.6	94.4	94.4	94.4	94.4
GE 600	1	72.1	74.2	78.7	79.8	81.2	84.1	87.6	88.0	91.5	93.8	94.0	94.6	95.7	96.1	96.1	96.1
GE 500	1	72.1	74.2	78.7	79.8	81.2	84.3	87.8	88.2	92.1	94.4	95.5	96.1	97.3	97.7	97.7	97.7
GE 400	1	72.1	74.2	78.7	79.8	81.2	84.3	87.8	88.4	92.8	95.2	96.3	97.3	99.2	99.8	99.8	99.8
GE 300	1	72.1	74.2	78.7	79.8	81.2	84.3	87.8	88.4	92.8	95.2	96.3	97.3	99.2	99.8	100.0	100.0
GE 200	1	72.1	74.2	78.7	79.8	81.2	84.3	87.8	88.4	92.8	95.2	96.3	97.3	99.2	99.8	100.0	100.0
GE 100	1	72.1	74.2	78.7	79.8	81.2	84.3	87.8	88.4	92.8	95.2	96.3	97.3	99.2	99.8	100.0	100.0
GE C	1	72.1	74.2	78.7	79.8	81.2	84.3	87.8	88.4	92.8	95.2	96.3	97.3	99.2	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 484

GLOBAL CLIMATOLOGY BRANCH  
LAFAYETTE  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BQ BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 82-86  
MONTH: JAN HOURS (LST): 1500-1700

CEILING IN FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL	24.7	24.7	25.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 20000	28.5	28.5	29.5	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.6	30.6	30.6	30.6	30.6	30.6
GE 18000	29.0	29.0	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1
GE 16000	29.0	29.0	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1
GE 14000	29.0	29.0	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1
GE 12000	29.0	29.0	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1
GE 10000	31.1	31.1	32.2	32.7	32.7	32.7	32.7	32.7	32.7	33.0	33.2	33.2	33.2	33.2	33.2	33.2
GE 9000	34.8	34.8	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.7	37.0	37.0	37.0	37.0	37.0	37.0
GE 8000	38.6	38.6	39.6	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.7	40.7	40.7	40.7	40.7	40.7
GE 7000	43.4	43.4	45.2	45.7	45.7	45.7	45.7	45.7	45.7	46.0	46.3	46.3	46.3	46.3	46.3	46.3
GE 6000	44.4	44.4	46.3	46.8	46.8	46.8	46.8	46.8	46.8	47.1	47.3	47.3	47.3	47.3	47.3	47.3
GE 5000	46.0	46.0	47.9	48.7	48.7	48.7	48.7	48.7	48.7	48.9	49.2	49.2	49.2	49.2	49.2	49.2
GE 4500	47.1	47.1	48.9	49.7	49.7	49.7	49.7	49.7	49.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3
GE 4000	51.6	51.6	53.7	54.5	54.5	54.5	54.5	54.5	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1
GE 3500	54.0	54.0	56.1	56.9	56.9	56.9	56.9	56.9	57.2	57.4	57.7	57.7	57.7	57.7	57.7	57.7
GE 3000	64.6	64.6	66.8	68.1	68.1	68.1	68.1	68.1	68.4	68.6	68.9	68.9	68.9	68.9	68.9	68.9
GE 2500	66.8	67.0	69.4	71.0	71.0	71.0	71.1	71.1	71.5	72.1	72.3	72.3	72.3	72.3	72.3	72.3
GE 2000	68.6	68.9	72.6	75.5	75.5	75.5	76.3	76.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 1800	69.7	70.5	75.5	78.5	78.5	78.5	79.3	79.5	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	69.9	71.0	76.6	79.8	79.8	80.6	81.4	81.6	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	69.9	71.0	77.4	80.6	80.6	81.4	82.7	83.0	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	70.2	71.3	77.7	80.9	81.1	82.4	84.3	84.6	87.5	88.6	89.6	90.7	90.7	90.7	90.7	90.7
GE 900	70.2	71.3	77.7	80.9	81.1	82.4	84.8	85.1	89.1	90.2	91.2	92.3	92.3	92.3	92.3	92.3
GE 800	70.2	71.3	77.7	81.4	81.6	83.0	85.6	85.9	90.2	91.2	92.3	93.4	93.4	93.4	93.4	93.4
GE 700	70.2	71.3	77.7	81.4	81.6	83.0	86.2	86.4	91.0	92.3	93.4	94.4	94.4	94.4	94.4	94.4
GE 600	70.2	71.3	77.7	81.4	81.6	83.0	86.4	87.2	92.0	93.6	94.7	95.7	95.7	95.7	95.7	95.7
GE 500	70.2	71.3	77.7	81.4	81.6	83.0	86.4	87.2	92.6	94.4	95.5	96.8	97.1	97.6	97.9	97.9
GE 400	70.2	71.3	77.7	81.4	81.6	83.0	86.7	88.3	93.6	95.5	96.8	98.1	98.9	99.5	99.7	99.7
GE 300	70.2	71.3	77.7	81.4	81.6	83.0	86.7	88.3	93.6	95.5	96.8	98.1	98.9	99.7	100.0	100.0
GE 200	70.2	71.3	77.7	81.4	81.6	83.0	86.7	88.3	93.6	95.5	96.8	98.1	98.9	99.7	100.0	100.0
GE 100	70.2	71.3	77.7	81.4	81.6	83.0	86.7	88.3	93.6	95.5	96.8	98.1	98.9	99.7	100.0	100.0
GE 0	70.2	71.3	77.7	81.4	81.6	83.0	86.7	88.3	93.6	95.5	96.8	98.1	98.9	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,82-85  
MONTH: JAN HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL		27.7	27.7	27.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	29.8
GE 2000	30.9	30.9	30.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	33.0
GE 1800	31.9	31.9	31.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	34.0
GE 1600	31.9	31.9	31.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	34.0
GE 1400	31.9	31.9	31.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	34.0
GE 1200	31.9	31.9	31.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	34.0
GE 1000	33.0	33.0	33.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	35.1
GE 900	38.3	38.3	38.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4
GE 800	38.3	38.3	38.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	40.4
GE 700	41.5	41.5	41.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.6
GE 600	42.6	42.6	42.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	44.7
GE 500	44.7	44.7	44.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.8
GE 450	45.7	45.7	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.9
GE 400	51.1	51.1	51.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	53.2
GE 350	54.3	54.3	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	56.4
GE 300	58.5	60.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.8
GE 250	60.6	62.8	62.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.9
GE 200	61.7	63.8	63.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	67.0
GE 180	62.8	64.9	67.0	69.1	69.1	69.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	71.3
GE 150	63.8	67.0	71.3	73.4	73.4	73.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	76.6
GE 120	63.8	67.0	72.3	74.5	74.5	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	77.7
GE 100	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 90	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 80	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 70	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 60	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 50	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 40	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 30	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 20	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 10	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7
GE 0	63.8	67.0	72.3	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7

TOTAL NUMBER OF OBSERVATIONS: 94

GLOBAL CLIMATOLOGY BRANCH  
USAFCTAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86

MONTH: JAN HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE G
NO CEIL		27.2	27.3	28.0	28.2	28.2	28.2	28.4	28.5	28.6	28.6	28.8	28.9	29.0	29.1	29.4
GE 20000		32.0	32.4	33.3	33.6	33.7	33.7	33.9	34.0	34.2	34.4	34.6	34.7	34.8	34.9	35.3
GE 18000		32.7	33.1	34.0	34.3	34.4	34.4	34.6	34.7	34.9	35.1	35.3	35.5	35.6	35.7	36.1
GE 16000		32.8	33.2	34.1	34.4	34.5	34.5	34.7	34.8	35.0	35.2	35.4	35.6	35.7	35.8	36.2
GE 14000		33.4	33.8	34.7	35.0	35.0	35.1	35.3	35.4	35.6	35.8	36.0	36.2	36.3	36.4	36.8
GE 12000		33.9	34.2	35.1	35.4	35.5	35.5	35.7	35.8	36.1	36.2	36.5	36.6	36.7	36.8	37.2
GE 10000		35.2	35.5	36.5	36.8	36.9	36.9	37.1	37.2	37.6	37.7	38.0	38.1	38.2	38.3	38.7
GE 9000		37.4	37.7	38.7	39.0	39.0	39.1	39.4	39.5	39.8	40.0	40.2	40.4	40.5	40.6	41.0
GE 8000		40.2	40.7	41.7	42.1	42.1	42.2	42.4	42.5	42.9	43.0	43.3	43.4	43.6	43.7	44.1
GE 7000		43.8	44.2	45.5	45.9	45.9	46.0	46.2	46.3	46.7	46.8	47.1	47.2	47.4	47.5	47.9
GE 6000		44.3	44.8	46.2	46.5	46.5	46.6	46.9	47.0	47.3	47.5	47.7	47.9	48.0	48.1	48.5
GE 5000		45.3	45.8	47.2	47.6	47.6	47.7	48.0	48.1	48.4	48.6	48.8	49.0	49.1	49.2	49.6
GE 4500		46.2	46.6	48.1	48.5	48.6	48.6	48.9	49.0	49.4	49.5	49.8	49.9	50.0	50.1	50.5
GE 4000		50.1	50.6	52.2	52.6	52.7	52.7	53.0	53.1	53.6	53.7	53.9	54.1	54.2	54.3	54.7
GE 3500		53.3	53.8	55.4	55.8	55.9	55.9	56.2	56.4	56.8	57.0	57.2	57.4	57.5	57.6	58.0
GE 3000		58.8	59.5	61.3	61.8	61.9	62.0	62.3	62.5	63.0	63.1	63.4	63.5	63.7	63.8	64.2
GE 2500		63.4	64.5	66.3	67.0	67.1	67.3	67.8	68.0	68.5	68.6	68.9	69.0	69.2	69.2	69.6
GE 2000		65.5	66.9	69.4	70.5	70.9	71.5	72.2	72.4	73.1	73.2	73.5	73.7	73.9	74.0	74.4
GE 1800		66.6	68.2	71.3	72.6	73.0	73.6	74.4	74.6	75.5	75.7	76.1	76.3	76.4	76.5	76.9
GE 1500		67.6	69.4	73.1	74.4	75.0	76.0	76.9	77.0	78.1	78.4	78.7	79.0	79.1	79.2	79.6
GE 1200		67.6	69.4	73.6	75.2	76.0	77.3	78.6	78.9	80.2	80.6	80.9	81.2	81.4	81.5	81.9
GE 1000		67.7	69.6	74.0	75.8	77.0	78.8	80.8	81.1	83.5	84.7	85.7	86.3	86.8	86.9	87.3
GE 900		67.7	69.6	74.0	75.8	77.0	78.8	81.0	81.3	84.3	85.7	86.8	87.5	87.9	88.0	88.4
GE 800		67.7	69.6	74.0	76.0	77.3	79.3	81.6	81.9	85.3	86.9	88.2	89.0	89.4	89.6	90.0
GE 700		67.8	69.6	74.1	76.1	77.5	79.6	82.4	82.8	86.6	88.4	89.9	90.9	91.4	91.5	91.9
GE 600		67.8	69.7	74.1	76.2	77.5	79.6	82.7	83.3	87.3	89.4	91.4	92.7	93.5	93.9	94.4
GE 500		67.8	69.7	74.1	76.2	77.5	79.8	83.0	83.6	88.1	90.5	92.8	94.3	95.3	96.0	96.4
GE 400		67.8	69.7	74.1	76.2	77.5	79.8	83.1	83.9	88.6	91.2	93.7	95.6	97.2	98.1	98.6
GE 300		67.8	69.7	74.1	76.2	77.5	79.8	83.1	83.9	88.7	91.4	93.9	95.9	97.8	98.8	99.3
GE 200		67.8	69.7	74.1	76.2	77.5	79.8	83.1	83.9	88.7	91.4	94.0	96.0	98.1	99.2	99.8
GE 100		67.8	69.7	74.1	76.2	77.5	79.8	83.1	83.9	88.7	91.4	94.0	96.0	98.1	99.2	100.0
GE C		67.8	69.7	74.1	76.2	77.5	79.8	83.1	83.9	88.7	91.4	94.0	96.0	98.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 2026

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 80  
MONTH: FEB HOURS(IST): 0100-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 20000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 18000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 16000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 14000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 12000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 9



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: FEB HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	26.8	27.7	30.1	31.6	32.0	33.3	33.9	34.6	35.6	35.8	36.0	36.1	36.7	37.5	37.8
GE 20000	20.1	31.1	33.5	35.4	35.8	37.1	37.4	38.4	39.3	39.5	39.7	39.9	40.4	41.2	41.6
GE 18000	20.3	31.3	33.7	35.6	36.1	37.6	38.2	39.0	39.9	40.1	40.3	40.4	41.0	41.8	42.1
GE 16000	20.3	31.3	33.7	35.6	36.1	37.6	38.2	39.0	39.9	40.1	40.3	40.4	41.0	41.8	42.1
GE 14000	20.3	31.3	33.7	35.6	36.1	37.6	38.2	39.0	39.9	40.1	40.3	40.4	41.0	41.8	42.1
GE 12000	20.9	31.8	34.3	36.1	36.7	38.2	38.8	39.5	40.4	40.6	40.8	41.0	41.6	42.3	42.7
GE 10000	22.6	33.5	36.0	37.8	38.4	39.9	40.4	41.2	42.1	42.5	42.7	42.9	43.4	44.2	44.6
GE 9000	22.6	33.5	36.0	37.8	38.4	39.9	40.4	41.2	42.1	42.5	42.7	42.9	43.4	44.2	44.6
GE 8000	25.8	36.7	39.1	41.0	41.6	43.1	43.6	44.4	45.3	45.7	45.9	46.1	46.6	47.4	47.8
GE 7000	27.6	38.8	41.2	43.1	43.8	45.3	45.6	46.6	47.8	48.1	48.3	48.5	49.1	49.8	50.2
GE 6000	27.6	38.8	41.2	43.1	43.8	45.3	45.6	46.6	47.8	48.1	48.3	48.5	49.1	49.8	50.2
GE 5000	28.2	39.3	41.8	43.6	44.4	45.9	46.4	47.2	48.3	48.7	48.9	49.1	49.6	50.4	50.7
GE 4500	29.9	41.0	43.0	45.3	46.1	47.6	48.1	48.9	50.0	50.4	50.6	50.7	51.3	52.1	52.4
GE 4000	41.0	42.1	44.6	46.4	47.2	48.7	49.3	50.0	51.1	51.5	51.7	51.9	52.4	53.2	53.6
GE 3500	44.0	45.1	47.9	49.8	50.6	52.1	52.6	53.4	54.5	54.9	55.1	55.2	55.8	56.6	56.9
GE 3000	46.4	47.8	51.5	53.9	54.7	56.2	57.3	58.1	59.2	59.7	59.9	60.1	60.7	61.4	61.8
GE 2500	49.8	51.1	55.2	57.7	58.4	59.9	61.0	62.0	63.3	63.9	64.0	64.2	64.8	65.5	65.9
GE 2000	51.3	53.6	59.0	61.6	62.5	64.4	66.1	67.0	68.4	68.9	69.1	69.3	69.9	70.6	71.0
GE 1800	51.7	54.3	60.3	63.5	64.4	66.3	68.2	69.1	70.4	71.0	71.2	71.3	71.9	72.7	73.0
GE 1500	53.2	56.2	62.7	65.9	66.9	69.3	71.5	72.7	74.0	74.7	74.9	75.1	75.7	76.4	76.8
GE 1200	53.4	56.6	63.7	67.4	68.4	71.0	73.4	74.9	76.2	77.0	77.2	77.3	77.9	78.7	79.0
GE 1000	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 900	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 800	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 700	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 600	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 500	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 400	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 300	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 200	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE 100	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1
GE	53.6	56.7	64.6	68.4	69.3	72.1	75.1	76.3	78.0	80.7	82.0	82.4	82.8	83.3	84.1

TOTAL NUMBER OF OBSERVATIONS: 534

GLOBAL CLIMATOLOGY BRANCH  
L3AFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	40	30	32	24	20	16	12	10	9	5	4	0
NO CEIL		29.9	30.9	33.9	36.0	27.1	37.9	39.2	39.7	40.1	40.5	40.5	40.5	40.5	40.7	40.7
GE 2000		33.5	34.5	37.7	39.9	41.1	41.8	43.1	43.7	44.1	44.6	44.6	44.6	44.6	44.8	44.8
GE 1800		34.1	35.0	38.2	40.7	41.8	42.6	44.1	44.6	45.0	45.6	45.6	45.6	45.6	45.8	45.8
GE 1600		34.1	35.0	38.2	40.7	41.8	42.6	44.1	44.6	45.0	45.6	45.6	45.6	45.6	45.8	45.8
GE 1400		34.3	35.2	38.4	40.9	42.0	42.7	44.3	44.8	45.2	45.8	45.8	45.8	45.8	46.0	46.0
GE 1200		34.7	35.6	38.8	41.2	42.4	43.1	44.6	45.2	45.6	46.1	46.1	46.1	46.1	46.3	46.3
GE 1000		35.8	36.7	39.9	42.4	43.5	44.3	45.8	46.3	46.9	47.5	47.5	47.5	47.5	47.6	47.6
GE 900		36.3	37.3	40.5	42.9	44.1	44.8	46.3	46.9	47.5	48.0	48.0	48.0	48.0	48.2	48.2
GE 800		39.4	40.3	43.5	46.0	47.1	47.8	49.3	49.9	50.5	51.0	51.0	51.0	51.0	51.2	51.2
GE 700		40.7	41.6	45.0	48.0	49.2	49.9	51.4	52.2	52.9	53.5	53.5	53.5	53.5	53.7	53.7
GE 600		40.7	41.6	45.0	48.0	49.2	49.9	51.4	52.2	52.9	53.5	53.5	53.5	53.5	53.7	53.7
GE 500		40.7	41.6	45.0	48.0	49.2	49.9	51.4	52.2	52.9	53.5	53.5	53.5	53.5	54.0	54.0
GE 450		42.4	43.3	46.7	49.7	50.8	51.6	53.5	54.2	55.0	55.6	55.6	55.6	55.6	55.7	55.7
GE 400		44.3	45.2	48.8	51.8	52.9	53.7	55.6	56.3	57.1	57.6	57.6	57.6	57.6	57.8	57.8
GE 350		49.0	49.9	53.7	56.7	57.8	58.6	60.5	61.2	62.0	62.5	62.5	62.5	62.5	62.7	62.7
GE 300		52.5	53.7	58.9	62.0	63.1	64.0	66.1	66.9	67.6	68.2	68.2	68.2	68.2	68.4	68.4
GE 250		54.6	55.9	61.2	64.4	65.5	66.5	68.7	69.7	70.4	71.0	71.0	71.0	71.0	71.2	71.2
GE 200		57.4	58.9	65.2	68.5	69.9	70.8	73.8	75.5	76.6	77.2	77.2	77.2	77.2	77.4	77.4
GE 180		58.2	59.7	66.3	69.9	71.2	72.1	75.1	76.8	78.0	78.5	78.5	78.5	78.5	78.7	78.7
GE 150		58.4	59.9	67.0	70.6	71.9	73.1	76.5	78.5	80.2	80.8	81.0	81.0	81.0	81.2	81.2
GE 120		58.4	59.9	67.6	71.2	72.7	73.8	78.0	80.0	81.9	82.5	82.7	82.7	82.7	82.9	82.9
GE 100		58.4	59.9	68.2	71.9	73.4	75.3	81.0	83.2	85.9	86.8	87.4	87.6	87.6	87.8	87.8
GE 90		58.4	59.9	68.2	71.9	73.4	75.3	81.0	83.2	86.8	87.8	88.3	88.5	88.5	88.7	88.7
GE 80		58.4	59.9	68.2	71.9	73.4	75.3	81.2	83.6	87.4	89.7	89.3	89.5	89.5	89.6	89.6
GE 70		58.4	59.9	68.2	71.9	73.4	75.5	81.4	84.4	89.3	91.6	91.1	91.7	92.5	92.7	92.7
GE 60		58.8	60.3	68.7	73.1	74.6	76.8	83.1	86.3	91.7	93.2	93.8	94.5	95.5	95.7	95.7
GE 50		58.8	60.3	68.7	73.3	74.8	77.2	83.4	87.0	94.0	95.7	96.2	97.2	98.5	98.7	98.7
GE 40		58.8	60.3	68.7	73.3	74.8	77.2	83.4	87.0	94.2	96.0	96.8	97.7	99.1	99.2	99.2
GE 30		58.8	60.3	68.7	73.3	74.8	77.2	83.4	87.0	94.2	96.0	96.8	97.7	99.2	99.6	99.6
GE 20		58.8	60.3	68.7	73.3	74.8	77.2	83.4	87.0	94.2	96.0	96.8	97.7	99.2	99.8	99.8
GE 10		58.8	60.3	68.7	73.3	74.8	77.2	83.4	87.0	94.2	96.0	96.8	97.7	99.2	99.8	100.0
GE 0		58.8	60.3	68.7	73.3	74.8	77.2	83.4	87.0	94.2	96.0	96.8	97.7	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 531

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: FEB HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	27.8	29.0	33.7	35.1	26.1	37.3	38.9	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 20000	32.9	34.5	39.6	41.4	42.6	43.8	45.4	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 18000	33.1	34.7	39.8	41.8	43.2	44.6	46.2	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 16000	33.3	34.9	40.0	42.0	43.4	44.8	46.5	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 14000	34.1	35.7	40.8	42.8	44.2	45.6	47.2	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	35.5	37.1	42.2	44.2	45.6	47.1	48.7	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000	35.7	37.3	42.6	44.6	46.0	47.5	49.1	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 9000	36.7	38.3	43.8	45.8	47.3	48.7	50.5	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 8000	39.4	41.0	46.5	48.5	49.9	51.3	53.3	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 7000	40.8	42.4	48.1	50.1	51.5	52.9	55.4	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 6000	41.4	43.0	48.7	50.7	52.1	53.5	56.0	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	41.8	43.4	49.1	51.1	52.5	54.0	56.6	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 4500	42.0	43.6	49.3	51.3	52.7	54.2	57.0	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 4000	43.0	44.6	50.5	52.5	54.0	55.4	58.2	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 3500	47.3	48.9	55.0	57.0	58.4	59.8	62.7	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 3000	50.7	52.5	59.4	61.5	62.9	64.3	67.7	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 2500	55.0	56.8	63.7	66.1	67.5	69.2	73.2	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	57.4	60.0	69.0	72.0	73.6	75.5	79.7	80.3	80.7	81.1	81.1	81.1	81.1	81.1	81.1
GE 1800	57.8	60.6	70.2	73.2	74.8	76.7	80.9	81.7	82.2	82.6	82.6	82.6	82.6	82.6	82.6
GE 1600	58.6	61.9	71.8	75.3	77.3	79.5	84.8	85.6	86.0	86.4	86.4	86.4	86.4	86.4	86.4
GE 1400	59.0	62.3	72.6	76.7	78.9	81.3	86.8	88.0	88.6	89.0	89.0	89.0	89.2	89.2	89.2
GE 1000	59.0	62.5	73.4	77.5	79.7	82.2	88.6	90.5	91.5	92.1	92.1	92.1	92.3	92.3	92.3
GE 900	59.0	62.5	73.4	77.5	79.7	82.2	88.8	90.9	92.1	92.9	93.3	93.3	93.5	93.5	93.5
GE 800	59.0	62.9	73.8	77.9	80.1	83.0	90.3	92.9	94.1	94.9	95.5	95.7	95.7	95.7	95.7
GE 700	59.0	62.9	73.8	77.9	80.1	83.0	90.3	92.9	94.1	94.9	95.5	95.7	95.7	95.7	95.7
GE 600	59.2	63.1	74.2	78.9	81.1	84.0	91.7	94.3	95.9	96.8	97.4	97.6	97.6	97.6	97.6
GE 500	59.2	63.1	74.2	78.9	81.1	84.2	92.1	94.7	97.0	98.4	99.0	99.2	99.2	99.2	99.2
GE 400	59.2	63.1	74.2	78.9	81.1	84.2	92.1	94.7	97.6	99.0	99.6	99.8	99.8	100.0	100.0
GE 300	59.2	63.1	74.2	78.9	81.1	84.2	92.1	94.7	97.6	99.0	99.6	99.8	99.8	100.0	100.0
GE 200	59.2	63.1	74.2	78.9	81.1	84.2	92.1	94.7	97.6	99.0	99.6	99.8	99.8	100.0	100.0
GE 100	59.2	63.1	74.2	78.9	81.1	84.2	92.1	94.7	97.6	99.0	99.6	99.8	99.8	100.0	100.0
GE C	59.2	63.1	74.2	78.9	81.1	84.2	92.1	94.7	97.6	99.0	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 493

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	23.9	34.2	37.9	40.1	40.4	41.8	42.6	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000	29.5	40.4	44.1	46.3	46.6	48.0	49.2	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	29.5	40.4	44.1	46.3	46.6	48.0	49.2	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 16000	29.5	40.4	44.1	46.3	46.6	48.0	49.2	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 14000	40.1	41.0	44.6	46.9	47.2	48.6	49.7	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	41.2	42.1	45.8	48.0	48.3	49.7	50.8	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 10000	41.8	42.7	46.3	48.6	48.9	50.3	51.4	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 9000	42.4	43.2	47.7	50.0	50.3	51.7	52.8	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 8000	42.9	44.1	48.6	50.8	51.1	52.5	53.7	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	44.1	45.2	50.0	52.8	53.0	55.4	56.5	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 6000	44.1	45.2	50.0	52.8	53.0	55.4	56.5	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 5000	44.4	45.5	50.3	53.1	53.2	55.6	56.8	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 4500	45.5	46.6	51.4	54.2	54.4	56.8	57.9	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4000	46.3	47.5	52.3	55.1	55.2	57.6	58.8	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 3500	48.0	49.4	54.5	57.6	58.8	60.2	61.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 3000	51.1	52.5	57.6	60.7	62.4	65.0	66.4	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2500	55.4	56.8	61.9	65.0	66.7	69.5	70.9	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2000	56.8	60.7	67.8	71.5	73.2	76.6	78.2	79.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1800	57.1	61.0	69.2	72.9	74.9	78.2	79.9	80.8	81.9	81.9	82.5	82.5	82.5	82.5	82.5
GE 1500	57.1	61.3	69.8	74.3	77.1	80.5	83.1	84.2	85.3	85.6	86.2	86.2	86.2	86.2	86.2
GE 1200	57.3	61.6	70.9	75.4	78.2	81.6	84.5	85.6	86.7	87.0	87.6	87.6	87.6	87.6	87.6
GE 1000	57.3	61.6	70.9	75.4	78.5	82.2	85.6	87.9	89.0	89.3	89.3	90.1	90.1	90.1	90.1
GE 900	57.3	61.6	70.9	75.4	78.5	82.8	87.0	89.0	90.1	90.4	90.4	91.5	91.5	91.5	91.5
GE 800	57.3	62.1	71.5	76.0	79.7	84.2	89.5	91.5	92.7	92.9	92.9	94.1	94.1	94.1	94.1
GE 700	57.3	62.1	71.5	76.0	79.7	84.2	89.8	91.8	93.2	93.5	93.5	94.6	94.6	95.5	95.5
GE 600	57.3	62.4	71.8	76.3	79.9	84.7	90.4	93.2	94.6	94.9	94.9	96.0	96.6	97.2	97.2
GE 500	57.3	62.4	71.8	76.3	79.9	84.7	91.2	94.1	95.5	96.6	96.6	97.7	98.3	98.9	98.9
GE 400	57.3	62.4	71.8	76.3	79.9	84.7	91.2	94.1	95.5	96.9	97.5	98.9	99.4	100.0	100.0
GE 300	57.3	62.4	71.8	76.3	79.9	84.7	91.2	94.1	95.5	96.9	97.5	98.9	99.4	100.0	100.0
GE 200	57.3	62.4	71.8	76.3	79.9	84.7	91.2	94.1	95.5	96.9	97.5	98.9	99.4	100.0	100.0
GE 100	57.3	62.4	71.8	76.3	79.9	84.7	91.2	94.1	95.5	96.9	97.5	98.9	99.4	100.0	100.0
GE 0	57.3	62.4	71.8	76.3	79.9	84.7	91.2	94.1	95.5	96.9	97.5	98.9	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 354

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-85  
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	35.9	36.9	39.8	40.8	41.7	41.7	42.7	42.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 20000	40.8	41.7	44.7	45.6	46.6	47.6	48.5	48.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 18000	40.8	41.7	44.7	45.6	46.6	47.6	48.5	48.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 16000	40.8	41.7	44.7	45.6	46.6	47.6	48.5	48.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 14000	41.7	42.7	45.6	46.6	47.6	48.5	49.5	49.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 12000	41.7	44.7	47.6	48.5	49.5	50.5	51.5	51.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 10000	44.7	45.6	48.5	49.5	50.5	51.5	52.4	52.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 9000	44.7	45.6	49.5	50.5	51.5	52.4	53.4	53.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 8000	44.7	46.6	50.5	51.5	52.4	53.4	54.4	54.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 7000	45.6	47.6	51.5	52.4	53.4	54.4	55.3	56.3	56.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 6000	46.6	48.5	52.4	53.4	54.4	55.3	56.3	57.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 5000	46.6	48.5	52.4	53.4	54.4	55.3	56.3	57.3	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4500	47.6	49.5	53.4	54.4	55.3	56.3	57.3	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4000	47.6	49.5	53.4	54.4	55.3	56.3	57.3	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 3500	50.5	53.4	57.3	59.2	61.2	62.1	63.1	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 3000	55.3	58.3	62.1	64.1	66.0	67.0	68.0	68.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 2500	59.2	62.1	66.0	68.0	69.9	70.9	71.8	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 2000	59.2	64.1	68.0	70.9	72.8	73.8	74.8	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1800	62.1	67.0	72.8	75.7	77.7	78.6	79.6	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1500	62.1	67.0	72.8	75.7	77.7	78.6	79.6	81.6	82.5	82.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	62.1	67.0	73.8	76.7	79.6	80.6	82.5	82.5	83.5	83.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1000	62.1	67.0	73.8	76.7	79.6	80.6	82.5	82.5	83.5	84.5	85.4	85.4	87.4	87.4	87.4	87.4
GE 900	62.1	67.0	73.8	76.7	79.6	80.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	88.3	88.3	88.3
GE 800	62.1	67.0	73.8	76.7	79.6	80.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	90.3
GE 700	62.1	67.0	73.8	76.7	79.6	80.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	90.3
GE 600	62.1	68.0	74.8	77.7	81.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	91.3	91.3
GE 500	62.1	68.0	74.8	77.7	81.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	91.3	91.3
GE 400	62.1	68.0	74.8	77.7	81.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	91.3	91.3
GE 300	62.1	68.0	74.8	77.7	81.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	91.3	91.3
GE 200	62.1	68.0	74.8	77.7	81.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	91.3	91.3
GE 100	62.1	68.0	74.8	77.7	81.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	91.3	91.3
GE 0	62.1	68.0	74.8	77.7	81.6	82.5	83.5	84.5	85.4	86.4	87.4	88.3	89.3	90.3	91.3	91.3

TOTAL NUMBER OF OBSERVATIONS: 103

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: FEB HOURS: 15:01: ALL

CEILING IN FEET	VISIBILITY IN MILES OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		29.8	30.7	34.1	35.8	36.6	37.6	38.8	39.4	40.0	40.1	40.2	40.2	40.4	40.6	40.7
GE 20000		34.1	35.2	38.7	40.7	41.5	42.6	43.8	44.4	45.0	45.2	45.2	45.3	45.4	45.7	45.8
GE 18000		34.4	35.5	39.0	41.1	41.9	43.2	44.4	45.0	45.6	45.8	45.8	45.8	46.0	46.2	46.3
GE 16000		34.4	35.5	39.0	41.1	42.0	43.2	44.4	45.1	45.6	45.8	45.8	45.9	46.0	46.3	46.4
GE 14000		34.8	35.9	39.4	41.5	42.4	43.6	44.8	45.5	46.0	46.2	46.2	46.3	46.4	46.7	46.8
GE 12000		35.7	36.8	40.3	42.4	43.3	44.5	45.7	46.3	46.9	47.1	47.1	47.2	47.3	47.6	47.7
GE 10000		36.7	37.8	41.4	43.4	44.3	45.6	46.7	47.4	48.0	48.2	48.3	48.3	48.5	48.7	48.8
GE 9000		37.2	38.3	42.1	44.2	45.1	46.3	47.5	48.2	48.8	49.0	49.1	49.1	49.3	49.5	49.6
GE 8000		39.6	40.8	44.6	46.6	47.5	48.8	50.0	50.7	51.3	51.5	51.6	51.6	51.8	52.0	52.1
GE 7000		41.0	42.2	46.2	48.5	49.7	50.9	52.3	53.0	53.7	53.9	54.0	54.0	54.2	54.4	54.5
GE 6000		41.2	42.4	46.4	48.7	49.9	51.1	52.5	53.2	53.9	54.1	54.2	54.2	54.3	54.6	54.7
GE 5000		41.5	42.7	46.7	49.0	50.1	51.4	52.9	53.6	54.3	54.5	54.6	54.6	54.8	55.0	55.1
GE 4500		42.7	43.9	47.9	50.2	51.3	52.6	54.2	54.8	55.5	55.8	55.8	55.9	56.0	56.3	56.4
GE 4000		43.9	45.1	49.2	51.5	52.6	53.9	55.4	56.1	56.8	57.1	57.1	57.2	57.3	57.6	57.7
GE 3500		47.4	48.7	53.0	55.4	56.6	57.8	59.4	60.1	60.8	61.0	61.1	61.1	61.3	61.5	61.6
GE 3000		50.6	52.1	57.2	59.8	61.0	62.5	64.5	65.2	65.9	66.2	66.2	66.3	66.4	66.7	66.7
GE 2500		54.0	55.5	60.8	63.5	64.7	66.3	68.5	69.3	70.0	70.3	70.4	70.4	70.6	70.8	70.9
GE 2000		56.0	58.5	65.3	68.3	69.7	71.5	74.2	75.1	76.1	76.5	76.6	76.8	76.9	77.2	77.3
GE 1800		56.6	59.3	66.7	70.0	71.4	73.2	75.9	76.9	77.9	78.3	78.4	78.6	78.7	79.0	79.1
GE 1500		57.2	60.2	68.0	71.5	73.3	75.4	78.7	79.9	81.1	81.6	81.7	81.9	82.1	82.3	82.4
GE 1200		57.4	60.4	68.8	72.7	74.5	76.7	80.4	81.8	83.1	83.5	83.7	83.9	84.0	84.3	84.4
GE 1000		57.5	60.5	69.4	73.1	75.2	77.7	82.4	84.5	86.5	87.3	87.6	87.9	88.1	88.3	88.4
GE 900		57.5	60.5	69.4	73.1	75.2	77.9	82.8	85.1	87.3	88.2	88.6	89.0	89.2	89.4	89.5
GE 800		57.5	60.7	69.6	73.5	75.6	78.4	83.9	86.7	89.2	90.3	90.8	91.2	91.3	91.6	91.7
GE 700		57.5	60.7	69.6	73.5	75.6	78.6	84.2	87.1	90.3	91.5	91.9	92.4	92.9	93.2	93.3
GE 600		57.6	61.0	70.0	74.3	76.3	79.4	85.3	88.4	92.0	93.3	93.8	94.3	95.0	95.3	95.4
GE 500		57.6	61.0	70.0	74.3	76.4	79.6	85.8	89.0	93.6	95.4	96.0	96.6	97.4	97.8	97.9
GE 400		57.6	61.0	70.0	74.3	76.5	79.6	85.9	89.2	94.1	95.9	96.8	97.6	98.5	98.9	99.0
GE 300		57.6	61.0	70.0	74.3	76.5	79.6	85.9	89.3	94.2	96.1	97.0	97.8	98.8	99.2	99.3
GE 200		57.6	61.0	70.0	74.3	76.5	79.6	85.9	89.3	94.2	96.2	97.1	98.0	99.1	99.6	99.7
GE 100		57.6	61.0	70.0	74.3	76.5	79.6	85.9	89.3	94.2	96.2	97.1	98.0	99.1	99.6	100.0
GE 0		57.6	61.0	70.0	74.3	76.5	79.6	85.9	89.3	94.2	96.2	97.1	98.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 2024

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 80-84,86  
MONTH: MAR HOURS(1ST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 40	GE 20	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2	GE 1	GE 0	GE 0
NO CEIL		47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	52.4	52.4
GE 20000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9
GE 18000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9
GE 16000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9
GE 14000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9
GE 12000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9
GE 10000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9
GE 9000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	61.9	61.9
GE 8000		61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	66.7	66.7
GE 7000		61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	66.7	66.7
GE 6000		61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	66.7	66.7
GE 5000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	71.4	71.4
GE 4500		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	71.4	71.4
GE 4000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	71.4	71.4
GE 3500		66.7	66.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	76.2	76.2
GE 3000		66.7	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	81.0	81.0
GE 2500		66.7	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	81.0	81.0
GE 2000		66.7	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	81.0	81.0
GE 1800		66.7	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	81.0	81.0
GE 1600		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 1400		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 1200		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 1000		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 900		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 800		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 700		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 600		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 500		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 400		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 300		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 200		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 100		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7
GE 0		66.7	71.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7	85.7

TOTAL NUMBER OF OBSERVATIONS: 21

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86

MONTH: MAR HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 100	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	26.9	20.7	31.1	31.3	31.3	31.3	31.4	32.0	32.3	32.6	32.8	33.2	33.5	33.9	34.0
GE 20000	31.3	33.0	35.4	35.6	35.6	35.6	36.1	36.4	36.8	37.1	37.3	37.7	38.3	38.7	38.9
GE 18000	31.4	33.2	35.6	35.8	35.8	35.8	36.3	36.6	37.0	37.3	37.5	37.8	38.5	38.9	39.0
GE 16000	31.4	33.2	35.6	35.8	35.8	35.8	36.2	36.6	37.0	37.3	37.5	37.8	38.5	38.9	39.0
GE 14000	31.6	33.3	35.8	35.9	35.9	35.9	36.4	36.8	37.1	37.5	37.7	38.0	38.7	39.0	39.4
GE 12000	32.5	34.2	36.6	36.8	36.8	36.8	37.2	37.7	38.0	38.3	38.5	38.9	39.6	39.9	40.2
GE 10000	34.9	36.6	39.0	39.2	39.2	39.2	39.7	40.1	40.4	40.8	40.9	41.3	42.0	42.3	42.8
GE 9000	36.1	37.8	40.2	40.4	40.4	40.4	40.9	41.3	41.6	42.0	42.1	42.5	43.2	43.5	44.0
GE 8000	41.5	43.2	45.6	45.8	45.8	45.8	46.3	46.6	47.0	47.3	47.5	47.8	48.7	49.1	49.6
GE 7000	42.7	44.4	46.8	47.0	47.0	47.0	47.7	48.0	48.4	48.7	48.9	49.2	50.1	50.4	50.9
GE 6000	43.2	44.9	47.3	47.5	47.5	47.5	48.2	48.5	48.9	49.2	49.4	49.7	50.6	50.9	51.5
GE 5000	43.5	45.6	48.2	48.5	48.5	48.5	49.4	49.7	50.1	50.4	50.6	50.9	51.8	52.2	52.7
GE 4500	44.0	46.1	48.7	49.1	49.1	49.1	49.9	50.3	50.6	50.9	51.1	51.5	52.3	52.7	53.2
GE 4000	47.8	49.9	52.7	53.2	53.2	53.2	54.1	54.4	54.7	55.1	55.3	55.6	56.5	56.8	57.3
GE 3500	49.7	51.8	54.7	55.3	55.3	55.3	56.1	56.5	56.8	57.2	57.3	57.7	58.5	58.9	59.4
GE 3000	53.2	55.4	58.4	59.2	59.4	59.4	61.0	61.3	61.7	62.0	62.2	62.5	63.4	63.9	64.4
GE 2500	55.8	58.2	61.5	62.5	62.9	62.9	64.6	65.1	65.5	65.8	66.0	66.3	67.2	67.7	68.2
GE 2000	58.0	60.6	64.8	66.1	66.5	66.8	68.7	69.3	69.9	70.3	70.5	71.0	71.8	72.4	72.9
GE 1800	58.2	61.0	66.3	67.7	68.0	68.6	70.5	71.0	71.7	72.0	72.2	72.7	73.6	74.1	74.6
GE 1500	58.4	61.1	67.4	69.4	69.8	70.8	72.7	73.2	74.4	74.8	75.0	75.5	76.3	76.9	77.4
GE 1200	59.1	61.8	68.6	70.6	71.2	72.5	74.8	75.5	77.2	77.5	77.7	78.2	79.1	79.6	80.1
GE 1000	59.4	62.3	69.4	72.4	73.1	74.6	76.9	78.1	80.1	80.8	81.0	81.7	82.6	83.1	83.6
GE 900	59.4	62.3	69.8	72.7	73.4	75.0	77.5	78.8	80.8	81.5	81.7	82.4	83.2	83.8	84.3
GE 800	59.4	62.3	71.2	74.3	75.0	76.9	79.4	80.7	83.2	84.3	84.5	85.1	86.0	86.5	87.0
GE 700	59.4	62.5	71.3	74.6	75.5	77.5	80.5	81.7	84.6	86.0	86.5	87.4	88.6	89.1	89.6
GE 600	59.4	62.5	71.3	75.0	75.8	77.9	81.9	83.4	86.7	88.8	89.3	90.2	91.5	92.1	92.6
GE 500	59.4	62.5	71.3	75.0	75.8	77.9	82.2	83.8	88.9	91.0	91.7	93.4	95.0	95.5	96.5
GE 400	59.4	62.5	71.3	75.0	75.8	78.1	82.4	83.9	89.3	91.4	92.2	94.1	96.2	96.7	97.8
GE 300	59.4	62.5	71.3	75.0	75.8	78.1	82.4	83.9	89.5	91.7	92.6	94.8	97.4	98.1	99.3
GE 200	59.4	62.5	71.3	75.0	75.8	78.1	82.4	83.9	89.5	91.7	92.6	94.8	97.4	98.1	99.5
GE 100	59.4	62.5	71.3	75.0	75.8	78.1	82.4	83.9	89.5	91.7	92.6	94.8	97.4	98.1	99.8
GE 0	59.4	62.5	71.3	75.0	75.8	78.1	82.4	83.9	89.5	91.7	92.6	94.8	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 579



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		32.0	32.9	35.0	35.5	35.5	35.5	35.7	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.2
GE 20000	26.3	37.7	40.0	40.5	40.5	40.5	40.7	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.2
GE 18000	27.0	38.4	40.9	41.6	41.6	41.6	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.3
GE 16000	27.2	38.4	41.0	41.7	41.7	41.7	41.9	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4
GE 14000	27.6	39.0	41.4	42.1	42.1	42.1	42.3	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8
GE 12000	28.4	39.8	42.3	43.0	43.0	43.0	43.1	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7
GE 10000	40.5	41.9	44.3	45.0	45.0	45.0	45.2	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
GE 9000	42.3	43.7	46.1	46.8	46.8	46.8	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.5
GE 8000	46.1	47.5	50.3	51.0	51.0	51.0	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.7
GE 7000	47.0	48.3	51.3	52.0	52.0	52.0	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7
GE 6000	47.7	49.0	52.0	52.7	52.7	52.7	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4
GE 5000	49.2	50.8	53.7	54.4	54.4	54.4	54.6	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
GE 4500	49.6	51.1	54.1	54.8	54.8	54.8	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5
GE 4000	52.3	53.9	56.9	57.7	57.7	57.7	57.9	57.9	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.6
GE 3500	55.1	56.7	59.7	60.5	60.5	60.5	60.7	60.7	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.4
GE 3000	59.7	61.2	64.7	65.6	65.7	65.7	66.3	66.3	66.6	66.6	66.6	66.6	66.8	66.8	66.8	67.0
GE 2500	62.4	64.0	67.5	68.7	68.9	68.9	69.4	69.4	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.6
GE 2000	64.3	66.6	70.8	72.0	72.2	72.2	73.4	73.4	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.5
GE 1800	65.4	67.7	72.2	73.6	73.7	73.7	75.0	75.0	75.8	75.8	75.8	76.5	76.7	76.7	76.9	77.0
GE 1600	66.4	68.7	74.1	76.0	76.2	76.2	77.6	77.6	78.4	78.4	78.4	79.5	79.7	79.7	79.8	80.0
GE 1400	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 1200	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 1000	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 900	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 800	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 700	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 600	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 500	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 400	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 300	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 200	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE 100	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4
GE C	66.4	68.7	74.1	76.3	76.5	76.5	77.9	77.9	79.3	79.5	80.5	81.0	81.0	81.2	81.2	81.4

TOTAL NUMBER OF OBSERVATIONS: 575

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	14.3	34.5	36.1	36.0	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 20000	41.9	42.3	43.9	44.6	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 18000	42.6	43.0	44.6	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	42.6	43.0	44.6	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	42.6	43.0	44.6	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 12000	43.2	43.6	45.2	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 10000	46.1	46.5	48.1	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 9000	46.5	46.8	48.5	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 8000	50.1	50.5	52.1	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 7000	52.1	52.5	54.3	55.4	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 6000	52.5	52.8	54.6	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 5000	53.0	53.4	55.2	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 4500	54.3	54.6	56.4	57.5	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 4000	56.4	56.8	58.6	59.7	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3500	59.0	59.3	61.2	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3000	64.1	64.4	66.6	67.7	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 2500	66.1	66.4	69.9	71.5	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 2000	69.0	69.9	74.4	76.0	77.3	77.7	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2
GE 1800	69.7	70.8	76.4	78.0	79.3	79.9	80.2	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1500	70.4	71.7	79.5	81.5	82.8	83.7	84.2	84.4	84.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	70.8	72.1	80.2	82.9	84.2	85.5	86.0	86.2	86.6	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	70.8	72.2	81.1	84.2	85.5	86.9	87.5	87.7	88.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	71.3	73.1	82.2	85.5	86.8	88.4	88.9	89.3	90.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	71.3	73.1	82.8	86.0	87.5	89.7	90.9	91.5	92.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	71.3	73.1	83.1	86.4	87.8	90.4	92.2	92.9	94.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	71.3	73.1	83.5	86.8	88.2	90.7	92.6	93.3	94.9	96.7	96.9	97.1	97.1	97.1	97.1	97.1
GE 500	71.3	73.1	83.5	86.9	88.4	90.9	92.7	93.5	95.3	97.3	97.5	98.0	98.2	98.2	98.2	98.2
GE 400	71.3	73.1	83.5	86.9	88.4	90.9	92.7	93.5	95.6	98.0	98.4	99.3	99.6	99.6	99.6	99.6
GE 300	71.3	73.1	83.5	86.9	88.4	90.9	92.7	93.5	95.6	98.0	98.4	99.5	100.0	100.0	100.0	100.0
GE 200	71.3	73.1	83.5	86.9	88.4	90.9	92.7	93.5	95.6	98.0	98.4	99.5	100.0	100.0	100.0	100.0
GE 100	71.3	73.1	83.5	86.9	88.4	90.9	92.7	93.5	95.6	98.0	98.4	99.5	100.0	100.0	100.0	100.0
GE 0	71.3	73.1	83.5	86.9	88.4	90.9	92.7	93.5	95.6	98.0	98.4	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 551

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78-80-86  
MONTH: MAR HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		ET 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL			32.9	34.9	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 20000			40.2	42.2	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 18000			41.7	43.7	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 16000			41.7	43.7	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 14000			41.7	43.7	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 12000			42.0	44.0	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 10000			44.7	46.7	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000			45.5	47.5	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 8000			49.2	51.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000			51.5	53.8	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 6000			52.0	54.3	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 5000			52.5	54.8	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 4500			54.3	56.5	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4000			55.5	57.8	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 3500			57.3	59.5	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 3000			55.3	68.3	72.6	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2500			66.6	69.8	74.9	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2000			67.8	71.1	77.4	78.9	79.9	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800			68.6	71.9	79.1	80.7	81.7	82.4	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500			69.6	73.4	82.7	84.2	85.4	86.2	86.4	86.4	86.9	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200			69.6	73.4	82.9	85.4	86.7	87.9	88.2	88.2	88.7	88.9	89.2	89.2	89.2	89.2	89.2
GE 1000			69.6	73.4	83.4	86.9	88.2	89.4	89.5	89.9	90.5	90.7	91.0	91.0	91.0	91.0	91.0
GE 900			69.6	73.9	84.4	88.7	89.9	91.2	92.2	92.2	92.7	93.0	93.2	93.5	93.5	93.5	93.5
GE 800			69.8	74.1	84.7	88.9	90.2	91.5	92.5	92.5	93.2	93.5	94.0	94.2	94.2	94.2	94.2
GE 700			69.8	74.1	84.7	88.9	90.2	91.7	92.7	92.7	93.7	94.0	94.5	94.7	95.0	95.0	95.0
GE 600			69.8	74.1	85.2	89.4	90.7	92.5	93.5	93.7	95.7	96.2	97.0	97.2	97.5	97.5	97.5
GE 500			69.8	74.1	85.2	89.4	90.7	92.7	93.7	94.0	96.0	96.5	97.2	97.7	98.0	98.0	98.0
GE 400			69.8	74.1	85.2	89.4	90.7	92.7	93.7	94.0	96.2	96.7	97.7	98.5	99.2	99.7	99.7
GE 300			69.8	74.1	85.2	89.4	90.7	92.7	93.7	94.0	96.2	96.7	97.7	98.5	99.5	100.0	100.0
GE 200			69.8	74.1	85.2	89.4	90.7	92.7	93.7	94.0	96.2	96.7	97.7	98.5	99.5	100.0	100.0
GE 100			69.8	74.1	85.2	89.4	90.7	92.7	93.7	94.0	96.2	96.7	97.7	98.5	99.5	100.0	100.0
GE C			69.8	74.1	85.2	89.4	90.7	92.7	93.7	94.0	96.2	96.7	97.7	98.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 398

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-85  
MONTH: MAR HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 16C	GE 9C	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		31.8	31.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 2000		39.3	39.3	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 1800		39.3	39.3	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 1600		39.3	39.3	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 1400		39.3	39.3	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 1200		40.2	40.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 1000		43.9	43.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 900		44.9	44.9	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 800		51.4	51.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 700		54.2	54.2	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 600		55.1	55.1	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 500		57.9	57.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 450		57.9	57.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 400		59.6	59.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 350		62.6	62.6	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 300		66.4	66.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 250		68.2	68.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 200		71.0	71.0	78.5	79.4	79.4	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 180		72.0	72.0	79.4	80.4	80.4	80.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 150		72.9	72.9	84.1	85.0	85.0	85.0	87.9	87.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 120		72.9	72.9	86.0	86.9	86.9	87.9	90.7	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 100		72.9	72.9	86.0	87.9	87.9	88.8	91.6	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 90		72.9	72.9	86.0	87.9	87.9	89.7	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 80		72.9	72.9	86.0	87.9	87.9	89.7	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 70		72.9	72.9	86.0	87.9	87.9	89.7	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 60		72.9	72.9	86.0	87.9	87.9	89.7	92.5	92.5	94.4	95.3	95.3	95.3	95.3	95.3	95.3
GE 50		72.9	72.9	86.0	87.9	87.9	89.7	92.5	93.5	96.3	97.2	97.2	97.2	97.2	97.2	97.2
GE 40		72.9	72.9	86.0	87.9	87.9	89.7	92.5	93.5	96.3	97.2	97.2	97.2	97.2	98.1	98.1
GE 30		72.9	72.9	86.0	87.9	87.9	89.7	92.5	93.5	96.3	97.2	97.2	97.2	97.2	98.1	99.1
GE 20		72.9	72.9	86.0	87.9	87.9	89.7	92.5	93.5	96.3	97.2	97.2	97.2	97.2	99.1	100.0
GE 10		72.9	72.9	86.0	87.9	87.9	89.7	92.5	93.5	96.3	97.2	97.2	97.2	97.2	99.1	100.0
GE C		72.9	72.9	86.0	87.9	87.9	89.7	92.5	93.5	96.3	97.2	97.2	97.2	97.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 107

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86

MONTH: MAR MONTH(S): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		CT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL	I		21.6	32.6	34.9	35.3	35.3	35.3	35.5	35.5	35.7	35.8	35.9	36.0	36.1	36.2	36.3
GE 20000			27.4	38.7	41.0	41.4	41.4	41.4	41.6	41.7	41.9	42.0	42.0	42.1	42.3	42.4	42.5
GE 18000			28.1	39.4	41.7	42.1	42.1	42.1	42.4	42.4	42.6	42.7	42.8	42.9	43.1	43.2	43.3
GE 16000			28.1	39.4	41.7	42.2	42.2	42.2	42.4	42.5	42.7	42.8	42.8	42.9	43.1	43.2	43.3
GE 14000			28.3	39.5	41.9	42.3	42.3	42.3	42.5	42.6	42.8	42.9	42.9	43.1	43.3	43.3	43.5
GE 12000			29.0	40.2	42.5	43.0	43.0	43.0	43.2	43.3	43.5	43.6	43.6	43.7	43.9	44.0	44.2
GE 10000			41.5	42.8	45.1	45.5	45.5	45.5	45.8	45.9	46.0	46.1	46.2	46.3	46.5	46.6	46.8
GE 9000			42.5	43.8	46.1	46.6	46.6	46.6	46.8	46.9	47.1	47.2	47.2	47.3	47.5	47.6	47.8
GE 8000			46.8	48.1	50.6	51.1	51.1	51.1	51.3	51.4	51.6	51.7	51.7	51.9	52.1	52.2	52.4
GE 7000			48.4	49.7	52.4	52.9	53.0	53.0	53.2	53.3	53.5	53.6	53.7	53.8	54.0	54.1	54.3
GE 6000			48.9	50.2	52.9	53.5	53.5	53.5	53.8	53.9	54.1	54.1	54.2	54.3	54.5	54.6	54.8
GE 5000			49.8	51.3	54.0	54.6	54.6	54.6	55.0	55.0	55.2	55.3	55.4	55.5	55.7	55.8	56.0
GE 4500			50.7	52.1	54.9	55.5	55.5	55.5	55.9	56.1	56.2	56.3	56.3	56.4	56.6	56.7	56.9
GE 4000			53.2	54.7	57.5	58.2	58.3	58.3	58.6	58.7	58.9	58.9	59.0	59.2	59.4	59.5	59.7
GE 3500			55.5	57.0	59.9	60.6	60.7	60.7	61.0	61.1	61.3	61.4	61.4	61.6	61.8	61.9	62.1
GE 3000			60.5	62.1	65.4	66.2	66.5	66.5	67.1	67.1	67.3	67.4	67.5	67.6	67.9	68.0	68.2
GE 2500			62.7	64.4	68.2	69.3	69.7	69.9	70.5	70.6	70.8	70.9	71.0	71.1	71.4	71.5	71.7
GE 2000			64.8	66.9	71.7	73.1	73.7	74.2	75.1	75.3	75.7	75.8	75.9	76.1	76.3	76.5	76.6
GE 1800			65.5	67.7	73.3	74.8	75.4	76.1	77.0	77.2	77.6	77.9	77.9	78.1	78.4	78.5	78.7
GE 1600			66.2	68.5	75.8	77.6	78.3	79.2	80.2	80.5	81.2	81.6	81.7	81.9	82.1	82.3	82.4
GE 1400			66.5	68.8	76.4	78.7	79.4	80.7	81.9	82.2	83.1	83.6	83.7	84.0	84.2	84.3	84.5
GE 1200			66.6	69.0	77.2	80.1	81.0	82.4	83.6	84.2	85.3	86.1	86.2	86.5	86.7	86.8	87.0
GE 1000			66.8	69.4	77.9	81.1	81.9	83.6	85.3	85.7	87.0	87.8	87.9	88.2	88.4	88.6	88.7
GE 900			66.8	69.4	78.6	81.8	82.7	84.6	86.6	87.2	88.7	89.7	89.9	90.2	90.5	90.6	90.8
GE 800			66.8	69.5	78.9	82.2	83.1	85.2	87.7	88.3	90.6	91.7	92.0	92.4	93.0	93.1	93.3
GE 700			66.8	69.5	79.2	82.6	83.5	85.7	88.4	89.2	92.0	93.5	93.9	94.4	95.0	95.2	95.4
GE 600			66.8	69.5	79.2	82.7	83.7	85.9	88.8	89.6	93.3	94.9	95.4	96.3	97.0	97.3	97.6
GE 500			66.8	69.5	79.2	82.7	83.7	85.9	88.8	89.6	93.5	95.2	95.9	97.0	98.1	98.5	98.9
GE 400			66.8	69.5	79.2	82.7	83.7	85.9	88.8	89.6	93.5	95.4	96.0	97.3	98.7	99.2	99.8
GE 300			66.8	69.5	79.2	82.7	83.7	85.9	88.8	89.6	93.5	95.4	96.0	97.3	98.8	99.3	99.9
GE 200			66.8	69.5	79.2	82.7	83.7	85.9	88.8	89.6	93.5	95.4	96.0	97.3	98.8	99.3	100.0
GE 100			66.8	69.5	79.2	82.7	83.7	85.9	88.8	89.6	93.5	95.4	96.0	97.3	98.8	99.3	100.0
GE C			66.8	69.5	79.2	82.7	83.7	85.9	88.8	89.6	93.5	95.4	96.0	97.3	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 2231

GLOBAL CLIMATOLOGY BRANCH  
LAFAYETTE  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: B0 BAKER AAF GERMANY

PERIOD OF RECORD: 80-86  
MONTH: APR HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	35.4	36.2	37.7	37.7	37.7	39.2	39.2	39.2	40.0	40.0	40.0	40.0	40.0	40.0	41.5
GE 20000	37.7	38.5	40.0	40.0	40.0	41.5	41.5	41.5	42.3	42.3	42.3	42.3	43.1	43.1	43.8
GE 18000	39.2	40.0	41.5	41.5	41.5	43.1	43.1	43.1	43.8	43.8	43.8	43.8	44.6	44.6	45.4
GE 16000	39.2	40.0	41.5	41.5	41.5	43.1	43.1	43.1	43.8	43.8	43.8	43.8	44.6	44.6	45.4
GE 14000	39.2	40.0	41.5	41.5	41.5	43.1	43.1	43.1	43.8	43.8	43.8	43.8	44.6	44.6	45.4
GE 12000	40.0	40.0	42.3	42.3	42.3	43.8	43.8	43.8	44.6	44.6	44.6	44.6	45.4	45.4	46.2
GE 10000	40.0	41.5	43.1	43.1	43.1	44.6	44.6	44.6	45.4	45.4	45.4	45.4	46.2	46.2	46.9
GE 9000	42.3	43.1	45.4	45.4	45.4	46.9	46.9	46.9	47.7	47.7	47.7	47.7	48.5	48.5	49.2
GE 8000	43.1	43.8	46.2	46.2	46.2	47.7	47.7	47.7	48.5	48.5	48.5	48.5	49.2	49.2	50.0
GE 7000	44.6	45.4	47.7	47.7	47.7	49.2	50.0	50.0	50.8	50.8	50.8	50.8	51.5	51.5	52.3
GE 6000	44.6	45.4	47.7	47.7	47.7	49.2	50.0	50.0	50.8	50.8	50.8	50.8	51.5	51.5	52.3
GE 5000	45.4	46.2	49.2	49.2	49.2	50.8	51.5	51.5	52.3	52.3	52.3	52.3	53.1	53.1	53.8
GE 4500	45.4	46.2	49.2	49.2	49.2	50.8	51.5	51.5	52.3	52.3	52.3	52.3	53.1	53.1	53.8
GE 4000	51.5	53.1	56.2	56.2	56.2	57.7	58.5	58.5	59.2	59.2	59.2	59.2	60.0	60.0	60.8
GE 3500	53.8	56.2	59.2	59.2	59.2	60.8	61.5	61.5	62.3	62.3	62.3	62.3	63.1	63.1	63.8
GE 3000	56.2	58.5	62.3	62.3	62.3	63.8	64.6	64.6	65.4	65.4	65.4	65.4	66.2	66.2	66.9
GE 2500	60.8	63.1	67.7	68.5	68.5	70.0	70.8	70.8	71.5	71.5	71.5	71.5	72.3	72.3	73.1
GE 2000	60.8	63.1	70.0	70.8	70.8	72.3	73.1	73.1	74.6	74.6	74.6	74.6	75.4	75.4	76.2
GE 1800	61.5	64.6	71.5	73.1	73.1	74.6	75.4	75.4	76.2	76.2	76.2	76.2	77.7	77.7	78.5
GE 1500	61.5	64.6	73.1	74.6	74.6	75.4	76.2	76.2	77.7	77.7	77.7	77.7	78.5	78.5	79.2
GE 1200	62.3	65.4	73.8	75.4	75.4	76.9	77.7	77.7	78.5	78.5	78.5	78.5	79.2	79.2	80.0
GE 1000	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 900	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 800	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 700	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 600	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 500	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 400	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 300	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 200	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 100	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8
GE 0	62.3	65.4	74.6	76.2	76.2	77.7	78.5	78.5	79.2	79.2	79.2	79.2	80.0	80.0	80.8

TOTAL NUMBER OF OBSERVATIONS: 150

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78-80-86  
MONTH: APR HOURS: 1501-0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS													
IN	ET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	100	90	80	60	40	40	32	24	20	16	12	10	8	5	0
NO CEIL		34.0	34.7	34.7	35.6	35.6	35.6	35.6	35.6	36.0	36.0	36.0	36.0	36.0	36.2
GE 20000		37.1	37.8	38.0	39.0	39.1	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.5
GE 16000		37.1	38.0	38.2	39.1	39.3	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.7
GE 14000		37.1	38.0	38.2	39.1	39.3	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.7
GE 12000		37.1	38.0	38.2	39.1	39.3	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.7
GE 10000		37.5	38.4	38.6	39.5	39.7	39.7	39.7	39.7	39.9	39.9	39.9	39.9	39.9	40.1
GE 8000		38.6	39.5	39.7	40.6	40.8	40.8	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.2
GE 6000		40.1	41.0	41.2	42.1	42.3	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.7
GE 4000		43.0	44.0	44.7	45.6	45.8	45.8	45.8	45.8	46.2	46.2	46.2	46.2	46.8	46.9
GE 3000		45.8	47.1	47.9	48.8	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.9	50.1
GE 2000		45.8	47.1	47.9	48.8	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.9	50.1
GE 1000		48.2	49.5	50.5	51.4	51.6	51.6	51.6	51.6	51.9	51.9	51.9	51.9	52.5	52.7
GE 800		49.0	50.5	51.6	52.5	52.7	52.7	52.7	52.7	53.1	53.1	53.1	53.1	53.6	53.8
GE 600		49.7	50.2	51.3	52.3	52.6	52.6	52.6	52.6	53.1	53.1	53.1	53.1	53.6	53.8
GE 400		51.1	51.6	52.7	53.6	53.8	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.7	54.9
GE 300		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 250		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 200		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 150		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 100		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 80		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 60		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 40		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 30		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 20		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 10		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 5		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5
GE 0		51.7	52.2	53.3	54.2	54.4	54.4	54.4	54.4	54.8	54.8	54.8	54.8	55.3	55.5

TOTAL NUMBER OF OBSERVATIONS: 539

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: APR HOURS(IST): 0900-1100

CEILING FEET	1 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 200		38.7	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 180		39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 160		39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 140		39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 120		40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 100		41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 90		42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 80		48.5	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 70		50.6	50.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 60		50.8	50.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 50		51.7	51.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 40		54.3	54.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 30		57.0	57.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20		58.3	58.5	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10		62.0	62.2	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 250		65.2	65.4	67.3	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 200		68.2	68.2	71.8	72.2	72.6	73.9	74.1	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 180		70.3	71.4	75.4	75.5	76.3	77.6	77.8	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 160		71.2	72.9	77.6	78.2	78.6	80.1	80.2	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 140		71.6	73.7	79.3	80.8	81.4	82.9	83.8	84.4	85.5	85.7	85.7	85.9	85.9	85.9	85.9
GE 100		71.6	73.7	79.5	81.2	82.3	84.0	85.0	85.5	86.8	87.0	87.0	87.2	87.2	87.2	87.2
GE 90		72.0	74.1	79.9	81.8	82.9	84.8	85.7	86.3	87.6	87.8	87.8	88.0	88.0	88.0	88.0
GE 80		72.2	74.2	80.6	82.9	84.0	86.3	87.8	88.9	91.2	91.5	91.5	91.7	91.9	91.9	91.9
GE 70		72.2	74.4	81.0	83.5	84.6	86.8	89.1	90.4	93.0	93.6	93.6	93.8	94.2	94.2	94.2
GE 60		72.2	74.4	81.0	83.8	85.2	87.4	90.0	91.2	93.8	94.9	94.9	95.3	96.1	96.1	96.1
GE 50		72.4	74.6	81.4	84.2	85.5	87.8	91.2	92.5	95.7	96.8	96.8	97.9	98.7	98.7	98.7
GE 40		72.4	74.6	81.4	84.2	85.5	87.8	91.2	92.5	96.1	97.2	97.2	98.3	99.1	99.2	99.2
GE 30		72.4	74.6	81.4	84.2	85.5	87.8	91.2	92.5	96.1	97.2	97.2	98.5	99.2	99.8	99.8
GE 20		72.4	74.6	81.4	84.2	85.5	87.8	91.2	92.5	96.1	97.2	97.2	98.5	99.2	100.0	100.0
GE 10		72.4	74.6	81.4	84.2	85.5	87.8	91.2	92.5	96.1	97.2	97.2	98.5	99.2	100.0	100.0
GE C		72.4	74.6	81.4	84.2	85.5	87.8	91.2	92.5	96.1	97.2	97.2	98.5	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 532



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: APR HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		100	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500
NO CEIL	1	28.9	29.1	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 20000	1	37.9	38.1	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 18000	1	39.7	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 16000	1	39.7	39.9	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 14000	1	39.9	40.1	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 12000	1	40.5	40.7	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 10000	1	41.1	41.3	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 9000	1	43.3	43.5	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 8000	1	49.0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 7000	1	51.2	51.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 6000	1	51.8	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 5000	1	51.4	51.6	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 4000	1	52.2	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 3000	1	54.5	54.7	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 2500	1	54.9	55.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 2000	1	54.2	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 1500	1	68.4	69.0	70.9	70.9	71.1	71.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1000	1	72.3	73.1	75.5	76.7	76.9	77.5	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 800	1	76.7	77.9	81.4	82.6	82.8	83.4	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 600	1	78.1	79.4	83.4	85.0	85.4	86.2	86.4	86.8	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1
GE 400	1	78.3	79.8	84.8	86.6	87.0	88.1	88.5	88.9	89.9	90.3	90.3	90.3	90.5	90.5	90.5	90.5
GE 300	1	78.7	80.2	85.6	87.7	88.1	89.5	90.3	90.7	91.9	92.3	92.3	92.3	92.5	92.5	92.5	92.5
GE 200	1	78.7	80.2	85.6	88.3	88.7	90.3	91.3	91.7	93.1	93.5	93.5	93.5	93.7	93.9	93.9	93.9
GE 100	1	78.7	80.6	86.8	89.5	89.9	91.7	93.1	93.5	96.0	96.4	96.4	96.4	96.6	96.8	96.8	96.8
GE 50	1	78.7	80.6	87.0	89.7	90.1	91.9	93.5	93.9	96.8	97.2	97.2	97.2	97.4	97.8	97.8	97.8
GE 25	1	78.7	80.6	87.2	89.9	90.3	92.1	93.5	94.5	97.6	98.6	98.6	98.6	99.0	99.4	99.4	99.6
GE 10	1	78.7	80.6	87.2	89.9	90.3	92.1	93.5	94.5	97.6	98.8	98.8	98.8	99.2	99.6	99.6	99.8
GE 5	1	78.7	80.6	87.2	89.9	90.3	92.1	93.5	94.5	97.6	98.8	98.8	98.8	99.2	99.8	99.8	100.0
GE 2	1	78.7	80.6	87.2	89.9	90.3	92.1	93.5	94.5	97.6	98.8	98.8	98.8	99.2	99.8	99.8	100.0
GE 1	1	78.7	80.6	87.2	89.9	90.3	92.1	93.5	94.5	97.6	98.8	98.8	98.8	99.2	99.8	99.8	100.0
GE 0	1	78.7	80.6	87.2	89.9	90.3	92.1	93.5	94.5	97.6	98.8	98.8	98.8	99.2	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 494

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77,8C-86

MONTH: APR MOLG5(LS): 1500-1700

.....																
CEILING																
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	100	90	80	60	40	40	32	24	20	16	12	10	8	5	4	C
.....																
VISIBILITY IN HUNDREDS OF METERS																
NO CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GE 20000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 18000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 16000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 14000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 12000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 10000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 9000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 8000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 7000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 6000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 5000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 4500	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 4000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 3500	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 3000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 2500	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 2000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 1800	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 1600	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 1400	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 1200	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 1000	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 900	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 800	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 700	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 600	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 500	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 400	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 300	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 200	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 100	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE C	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5

TOTAL NUMBER OF OBSERVATIONS: 266

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: RO BAKER AAF GERMANY

PERIOD OF RECORD: 77.01-82.04  
MONTH: APR FOURSEILST: 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	160	96	80	60	48	40	32	24	20	16	12	10	8	5	4
NO CEIL		28.0	28.0	28.0	28.0	28.0	29.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 20000		34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 18000		34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 16000		34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 14000		34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 12000		34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 10000		38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 9000		38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 8000		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 7000		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 6000		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 5000		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4500		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4000		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 3500		46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 3000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2500		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2000		70.0	72.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1800		70.0	72.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1500		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1200		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1000		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 900		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 800		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 700		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 600		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 500		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 400		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 300		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 200		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 100		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 0		70.0	74.0	74.0	74.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0

TOTAL NUMBER OF OBSERVATIONS: 50

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: APR HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		32.0	32.4	32.6	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.2	33.2	33.3
GE 2000		37.5	37.9	38.3	38.5	38.6	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.9
GE 1800		38.4	38.8	39.2	39.5	39.5	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.8	39.8	39.9
GE 1600		38.4	38.8	39.2	39.5	39.5	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.8	39.8	39.9
GE 1400		38.5	38.9	39.3	39.6	39.6	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.9	39.9	40.0
GE 1200		39.2	39.6	40.0	40.2	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.6
GE 1000		40.2	40.6	41.0	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.6
GE 900		41.0	42.2	42.7	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.3
GE 800		46.0	46.5	47.2	47.5	47.5	47.6	47.6	47.6	47.8	47.8	47.8	47.8	48.0	48.0	48.1
GE 700		47.9	48.5	49.3	49.5	49.6	49.7	49.7	49.7	49.9	49.9	49.9	49.9	50.1	50.1	50.2
GE 600		48.1	48.7	49.5	49.7	49.8	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.3	50.3	50.4
GE 500		49.3	49.9	50.8	51.0	51.1	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.6	51.6	51.7
GE 450		50.5	51.2	52.1	52.4	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.9	52.9	53.0
GE 400		54.2	55.0	55.9	56.2	56.3	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.9	56.9	57.0
GE 350		56.8	57.5	58.5	58.7	58.9	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.4	59.4	59.5
GE 300		61.4	62.2	63.7	64.0	64.1	64.2	64.3	64.3	64.5	64.5	64.5	64.5	64.7	64.7	64.8
GE 250		65.4	66.6	68.4	68.6	69.0	69.2	69.3	69.3	69.6	69.6	69.6	69.6	69.8	69.8	69.9
GE 200		67.9	69.7	72.5	73.4	73.8	74.8	75.2	75.4	75.8	75.8	75.8	75.8	76.0	76.0	76.1
GE 180		70.1	72.2	76.0	77.1	77.5	78.6	79.0	79.2	79.8	79.8	79.8	79.8	80.0	80.0	80.1
GE 150		71.0	73.5	78.2	79.5	80.0	81.5	82.1	82.3	83.4	83.6	83.6	83.6	83.9	83.9	84.0
GE 120		71.4	74.1	79.8	81.7	82.3	83.9	85.2	85.5	86.7	87.1	87.1	87.2	87.4	87.4	87.5
GE 100		71.6	74.3	80.4	82.4	83.2	85.0	86.6	87.3	89.9	89.4	89.4	89.5	89.7	89.7	89.8
GE 90		71.7	74.5	80.5	82.7	83.4	85.3	86.9	87.6	89.2	89.7	89.7	89.8	90.1	90.1	90.2
GE 80		71.8	74.6	81.1	83.5	84.2	86.3	88.3	89.1	91.1	91.7	91.8	92.0	92.3	92.3	92.4
GE 70		71.8	74.7	81.4	84.0	84.7	86.9	89.5	90.3	92.8	93.6	93.8	93.9	94.3	94.3	94.5
GE 60		71.8	74.7	81.5	84.3	85.2	87.5	90.4	91.2	93.9	95.1	95.5	95.8	96.3	96.4	96.5
GE 50		71.8	74.8	81.7	84.5	85.4	87.7	91.0	92.0	95.1	96.6	97.0	97.9	98.5	98.5	98.7
GE 40		71.8	74.8	81.7	84.5	85.4	87.9	91.1	92.2	95.4	96.9	97.3	98.2	99.0	99.1	99.3
GE 30		71.8	74.8	81.7	84.5	85.4	87.9	91.1	92.2	95.4	96.9	97.3	98.3	99.3	99.5	99.7
GE 20		71.8	74.8	81.7	84.5	85.4	87.9	91.1	92.2	95.4	96.9	97.3	98.3	99.3	99.5	99.8
GE 10		71.8	74.8	81.7	84.5	85.4	87.9	91.1	92.2	95.4	96.9	97.3	98.3	99.3	99.7	100.0
GE 0		71.8	74.8	81.7	84.5	85.4	87.9	91.1	92.2	95.4	96.9	97.3	98.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2011

GLOBAL CLIMATEOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-8C-86  
MONTH: MAY HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	28.8	30.1	30.1	30.1	30.1	30.1	30.8	31.5	31.5	31.5	32.2	32.9	32.9	33.6	34.2	
GE 20000	30.8	32.2	32.2	32.2	32.2	32.2	32.9	33.6	33.6	33.6	34.2	34.9	34.9	35.6	36.3	
GE 18000	30.8	32.2	32.2	32.2	32.2	32.2	32.9	33.6	33.6	33.6	34.2	34.9	34.9	35.6	36.3	
GE 16000	30.8	32.2	32.2	32.2	32.2	32.2	32.9	33.6	33.6	33.6	34.2	34.9	34.9	35.6	36.3	
GE 14000	30.8	32.2	32.2	32.2	32.2	32.2	32.9	33.6	33.6	33.6	34.2	34.9	34.9	35.6	36.3	
GE 12000	31.5	32.9	32.9	32.9	32.9	32.9	33.6	34.2	34.2	34.2	34.9	35.6	35.6	36.3	37.0	
GE 10000	37.0	38.4	38.4	38.4	38.4	38.4	39.0	39.7	39.7	39.7	40.4	41.1	41.1	41.8	42.5	
GE 9000	40.4	41.8	41.8	41.8	41.8	41.8	42.5	43.2	43.2	43.2	43.8	44.5	44.5	45.2	45.9	
GE 8000	45.9	47.3	47.3	47.3	47.3	47.3	47.9	48.6	48.6	48.6	49.3	50.0	50.0	50.7	51.4	
GE 7000	48.6	50.0	50.0	50.0	50.0	50.0	50.7	51.4	51.4	51.4	52.1	52.7	52.7	53.4	54.1	
GE 6000	49.3	50.7	50.7	50.7	50.7	50.7	51.4	52.1	52.1	52.1	52.7	53.4	53.4	54.1	54.8	
GE 5000	52.7	54.1	54.1	54.1	54.1	54.1	54.8	55.5	55.5	55.5	56.2	56.8	56.8	57.5	58.2	
GE 4500	53.4	55.5	55.5	55.5	55.5	55.5	56.2	56.8	56.8	56.8	57.5	58.2	58.2	58.9	59.6	
GE 4000	58.9	61.0	61.0	61.0	61.0	61.0	61.6	62.3	62.3	62.3	63.0	63.7	63.7	64.4	65.1	
GE 3500	61.6	64.4	64.4	64.4	64.4	64.4	65.1	65.8	65.8	65.8	66.4	67.1	67.1	67.8	68.5	
GE 3000	67.1	69.9	70.6	70.6	70.6	70.6	71.2	71.9	71.9	71.9	72.6	73.3	73.3	74.0	74.7	
GE 2500	69.9	72.6	73.3	74.0	74.0	74.0	74.7	76.0	76.0	76.0	76.7	77.4	77.4	78.1	78.8	
GE 2000	72.6	75.3	77.4	78.8	78.8	78.8	80.1	81.5	81.5	81.5	82.2	82.9	82.9	83.6	84.2	
GE 1800	74.7	78.8	81.5	82.9	82.9	82.9	84.2	85.6	85.6	85.6	86.3	87.0	87.0	87.7	88.4	
GE 1600	74.7	78.8	81.5	82.9	82.9	82.9	83.6	84.5	86.3	86.3	87.0	87.7	87.7	88.4	89.0	
GE 1200	74.7	78.8	82.2	83.6	83.6	84.2	86.3	87.7	87.7	87.7	88.4	89.0	89.0	89.7	90.4	
GE 1000	74.7	78.8	82.9	84.2	84.2	84.9	87.7	89.0	90.4	90.4	91.1	91.8	91.8	92.5	93.2	
GE 900	74.7	78.8	82.9	84.2	84.9	85.6	88.4	89.7	91.1	91.8	92.5	93.2	93.2	93.8	94.5	
GE 800	74.7	78.8	82.9	84.9	85.6	86.3	89.0	90.4	91.8	92.5	93.2	93.8	93.8	94.5	95.2	
GE 700	74.7	78.8	82.9	84.9	85.6	86.3	89.0	90.4	91.8	92.5	93.2	93.8	93.8	94.5	95.2	
GE 600	74.7	78.8	82.9	84.9	85.6	86.3	89.0	90.4	92.5	93.2	93.8	94.5	94.5	95.2	95.9	
GE 500	74.7	78.8	82.9	84.9	85.6	86.3	89.0	90.4	93.2	93.8	94.5	95.2	95.9	96.6	97.3	
GE 400	74.7	78.8	82.9	84.9	85.6	86.3	89.7	91.1	94.5	95.2	96.6	97.3	97.9	98.6	99.3	
GE 300	74.7	78.8	82.9	84.9	85.6	86.3	89.7	91.1	94.5	95.2	96.6	97.3	97.9	98.6	99.3	
GE 200	74.7	78.8	82.9	84.9	85.6	86.3	89.7	91.1	94.5	95.2	96.6	97.3	98.6	99.3	100.0	
GE 100	74.7	78.8	82.9	84.9	85.6	86.3	89.7	91.1	94.5	95.2	96.6	97.3	98.6	99.3	100.0	
GE 0	74.7	78.8	82.9	84.9	85.6	86.3	89.7	91.1	94.5	95.2	96.6	97.3	98.6	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 146

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAY HOURS(IST): 0600-0800

CEILING IN FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		11.8	32.3	32.6	32.8	32.8	32.8	33.1	33.5	33.5	33.7	33.7	33.9	34.0	34.0	34.4										
GE 20000		36.6	37.1	37.5	37.7	37.7	37.7	38.2	38.3	38.3	38.5	38.5	38.7	38.9	38.9	39.2										
GE 18000		37.5	38.0	38.3	38.5	38.5	38.5	39.0	39.2	39.2	39.4	39.4	39.6	39.7	39.7	40.1										
GE 16000		37.5	38.0	38.3	38.5	38.5	38.5	39.0	39.2	39.2	39.4	39.4	39.6	39.7	39.7	40.1										
GE 14000		38.0	38.5	38.9	39.0	39.0	39.0	39.6	39.7	39.7	39.9	39.9	40.1	40.2	40.2	40.6										
GE 12000		38.3	38.9	39.2	39.4	39.4	39.4	39.9	40.1	40.1	40.2	40.2	40.4	40.6	40.6	40.9										
GE 10000		42.3	43.0	43.4	43.5	43.5	43.5	44.0	44.2	44.2	44.4	44.4	44.6	44.7	44.7	45.1										
GE 9000		45.1	45.8	46.1	46.3	46.3	46.3	46.8	47.0	47.0	47.2	47.2	47.3	47.5	47.5	47.8										
GE 8000		50.1	50.8	51.1	51.3	51.3	51.3	51.5	52.2	52.3	52.5	52.5	52.7	53.0	53.0	53.4										
GE 7000		54.7	55.6	56.1	56.3	56.3	56.3	56.5	57.2	57.3	57.5	57.5	57.7	58.0	58.0	58.4										
GE 6000		55.1	56.0	56.5	56.6	56.6	56.6	56.8	57.5	57.7	57.9	57.9	58.0	58.4	58.4	58.7										
GE 5000		56.6	58.0	58.5	58.7	58.7	58.9	59.6	59.8	59.8	59.9	59.9	60.1	60.4	60.4	60.8										
GE 4500		58.2	59.6	60.3	60.4	60.4	60.6	61.3	61.5	61.5	61.7	61.7	61.8	62.2	62.2	62.5										
GE 4000		62.2	63.6	64.2	64.4	64.4	64.6	65.3	65.5	65.5	65.6	65.6	65.8	66.1	66.1	66.5										
GE 3500		65.3	66.8	67.7	68.0	68.0	68.2	68.5	69.1	69.1	69.3	69.3	69.4	69.8	69.8	70.1										
GE 3000		68.6	70.5	71.8	72.2	72.4	72.5	73.2	73.4	73.7	73.9	73.9	74.1	74.4	74.4	74.8										
GE 2500		72.5	74.8	77.2	77.9	78.2	78.4	79.1	79.3	79.6	79.8	79.8	80.0	80.5	80.5	80.8										
GE 2000		74.3	76.7	80.0	80.7	81.0	81.2	82.2	82.4	82.9	83.1	83.1	83.2	83.6	83.8	84.1										
GE 1800		75.1	77.7	81.3	82.2	82.6	82.7	83.8	83.9	84.5	84.6	84.6	84.8	85.3	85.3	85.7										
GE 1500		76.5	79.3	83.6	84.6	85.3	86.2	87.7	88.4	88.6	88.6	88.6	88.8	89.3	89.3	89.6										
GE 1200		77.5	80.3	84.8	87.4	88.1	89.3	91.0	91.2	92.1	92.2	92.2	92.4	92.9	92.9	93.3										
GE 1000		77.7	80.5	85.1	87.7	88.4	89.6	91.7	91.9	92.9	93.1	93.1	93.3	94.0	94.0	94.3										
GE 900		77.7	80.5	85.1	87.7	88.4	89.6	91.7	91.9	92.9	93.1	93.1	93.3	94.0	94.0	94.3										
GE 800		77.9	81.0	85.7	88.3	88.9	90.2	92.2	92.6	94.0	94.3	94.3	94.5	94.6	94.6	95.7										
GE 700		77.9	81.0	85.7	88.3	88.9	90.2	92.2	92.6	94.0	94.3	94.3	94.5	94.6	94.6	95.7										
GE 600		78.1	81.2	85.8	88.6	89.3	90.7	92.5	93.3	95.0	95.5	95.7	95.9	96.7	96.7	97.1										
GE 500		78.1	81.2	86.2	88.9	89.6	91.0	93.6	94.0	95.9	96.4	96.4	96.9	97.2	98.1	98.4										
GE 400		78.1	81.2	86.2	88.9	89.6	91.0	93.6	94.1	96.4	96.9	97.4	97.8	98.6	98.6	99.0										
GE 300		78.1	81.2	86.2	88.9	89.6	91.0	93.6	94.1	96.4	96.9	97.4	97.8	98.6	98.6	99.0										
GE 200		78.1	81.2	86.2	88.9	89.6	91.0	93.6	94.1	96.4	96.9	97.4	97.8	98.6	98.6	99.0										
GE 100		78.1	81.2	86.2	88.9	89.6	91.0	93.6	94.1	96.4	96.9	97.4	97.8	98.6	98.6	99.0										
GE 0		78.1	81.2	86.2	88.9	89.6	91.0	93.6	94.1	96.4	96.9	97.4	97.8	98.6	98.6	99.0										

TOTAL NUMBER OF OBSERVATIONS: 579

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86

MONTH: MAY HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL		35.0	35.2	35.6	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 20000		39.8	39.9	40.3	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 18000		40.8	41.0	41.3	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 16000		40.9	41.0	41.3	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 14000		41.2	41.3	41.7	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 12000		41.7	41.9	42.2	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 10000		45.2	45.5	45.9	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 9000		46.2	46.6	46.9	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000		51.0	51.5	52.0	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 7000		56.6	57.4	58.0	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 6000		57.1	58.0	58.5	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000		58.3	59.2	59.7	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 4500		60.9	61.8	62.3	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4000		65.3	66.2	66.7	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3500		68.7	69.9	70.4	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3000		72.9	74.3	75.3	76.2	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500		76.2	78.3	79.7	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000		79.7	81.8	83.5	84.4	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800		81.4	83.5	86.0	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1600		84.6	86.9	90.2	91.1	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1400		85.3	87.6	91.6	93.0	93.2	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200		85.3	87.7	92.3	93.9	94.0	95.1	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000		85.3	87.7	92.3	93.9	94.2	95.3	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900		85.3	87.7	92.3	93.9	94.2	95.4	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800		85.5	87.9	92.6	94.6	94.9	96.3	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700		85.6	88.3	93.0	94.9	95.3	96.8	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600		85.6	88.3	93.0	94.9	95.3	97.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500		85.6	88.3	93.0	94.9	95.3	97.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400		85.6	88.3	93.0	94.9	95.3	97.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300		85.6	88.3	93.0	94.9	95.3	97.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200		85.6	88.3	93.0	94.9	95.3	97.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100		85.6	88.3	93.0	94.9	95.3	97.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE C		85.6	88.3	93.0	94.9	95.3	97.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 571

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAY HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	25
NO CEIL		27.8	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 2000		34.2	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 1800		34.9	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 1600		34.9	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 1400		34.9	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 1200		35.5	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 1000		38.0	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 900		38.9	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 800		43.9	44.6	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 700		48.8	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 600		49.6	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 500		50.3	51.0	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 450		53.1	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 400		58.5	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 350		66.3	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 300		74.7	75.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 250		80.6	81.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 200		84.5	85.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 180		87.2	88.2	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 150		88.9	90.0	94.3	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 120		89.1	90.2	94.8	95.4	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 100		90.0	91.4	96.8	97.3	97.5	97.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 90		90.0	91.4	96.8	97.3	97.5	98.0	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 80		90.0	91.4	97.0	97.7	97.9	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 70		90.0	91.4	97.0	97.7	97.9	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 60		90.0	91.4	97.0	97.7	97.9	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50		90.0	91.4	97.0	97.7	97.9	98.8	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 40		90.0	91.4	97.0	97.7	97.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30		90.0	91.4	97.0	97.7	97.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20		90.0	91.4	97.0	97.7	97.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10		90.0	91.4	97.0	97.7	97.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		90.0	91.4	97.0	97.7	97.9	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 561



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77,8c-86  
MONTH: MAY HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	ET 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C	
NO CEIL		31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	
GE 20000		36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	
GE 18000		37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
GE 16000		37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
GE 14000		37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
GE 12000		38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	
GE 10000		39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	
GE 9000		41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
GE 8000		48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	
GE 7000		51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	
GE 6000		52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
GE 5000		53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
GE 4500		56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
GE 4000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
GE 3500		68.6	69.0	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
GE 3000		77.1	77.5	78.4	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	
GE 2500		84.0	84.6	86.3	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 2000		90.5	91.5	93.5	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 1800		91.5	92.8	94.8	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE 1600		91.5	92.8	95.1	95.8	95.8	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 1400		91.8	93.1	95.4	96.1	96.1	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GE 1000		91.8	93.8	96.4	97.1	97.1	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 900		91.8	93.8	97.1	97.7	97.7	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 800		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE C		91.8	93.8	97.1	97.7	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BQ BAKER AAF GERMANY

PERIOD OF RECORD: 77.81-82.84  
MONTH: MAY HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 20000		35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 18000		35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 16000		35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 14000		35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 12000		35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 10000		38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 9000		38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 8000		47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 7000		52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 6000		54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 5000		54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 4500		61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 4000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3500		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000		82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500		87.7	87.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000		89.5	93.0	94.7	94.7	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800		89.5	93.0	94.7	94.7	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500		91.2	94.7	96.5	96.5	96.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200		91.2	94.7	96.5	96.5	96.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000		91.2	94.7	96.5	96.5	96.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		91.2	94.7	96.5	96.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 57

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	1		31.4	31.8	32.0	32.2	32.2	32.2	32.4	32.5	32.5	32.5	32.6	32.7	32.7	32.7
GE 20000			36.4	36.8	37.0	37.2	37.2	37.3	37.4	37.5	37.5	37.6	37.6	37.7	37.7	37.8
GE 18000			37.3	37.7	37.9	38.1	38.1	38.1	38.3	38.4	38.4	38.4	38.5	38.6	38.6	38.8
GE 16000			37.3	37.7	37.9	38.1	38.1	38.1	38.3	38.4	38.4	38.4	38.5	38.6	38.6	38.8
GE 14000			37.5	37.9	38.1	38.3	38.3	38.3	38.5	38.6	38.6	38.6	38.7	38.8	38.8	39.0
GE 12000			37.9	38.3	38.6	38.7	38.7	38.8	39.0	39.1	39.1	39.1	39.2	39.3	39.3	39.5
GE 10000			41.2	41.7	41.9	42.1	42.1	42.2	42.3	42.4	42.4	42.5	42.5	42.6	42.7	42.8
GE 9000			42.8	43.3	43.6	43.7	43.7	43.8	44.0	44.1	44.1	44.1	44.1	44.2	44.3	44.5
GE 8000			48.2	48.8	49.1	49.3	49.3	49.4	49.6	49.7	49.7	49.8	49.8	49.9	50.0	50.2
GE 7000			52.7	53.5	53.9	54.1	54.1	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.7	54.9
GE 6000			53.4	54.1	54.5	54.7	54.7	54.8	55.0	55.1	55.1	55.1	55.2	55.3	55.4	55.5
GE 5000			54.7	55.5	55.9	56.1	56.1	56.2	56.4	56.5	56.5	56.6	56.6	56.7	56.8	57.0
GE 4500			57.1	58.0	58.5	58.6	58.6	58.7	59.0	59.1	59.1	59.1	59.1	59.2	59.3	59.5
GE 4000			61.9	62.9	63.3	63.5	63.5	63.6	63.8	63.9	63.9	64.0	64.0	64.1	64.2	64.4
GE 3500			66.8	68.0	68.5	68.8	68.8	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.5	69.7
GE 3000			72.7	74.0	75.2	75.5	75.6	75.8	76.0	76.1	76.2	76.3	76.3	76.4	76.5	76.7
GE 2500			77.3	79.0	80.7	81.2	81.3	81.5	81.7	81.8	81.9	82.0	82.0	82.1	82.3	82.4
GE 2000			80.8	82.6	85.0	85.6	85.7	86.0	86.4	86.5	86.6	86.7	86.7	86.8	86.9	87.1
GE 1800			82.4	84.4	87.2	87.8	87.9	88.2	88.6	88.7	88.8	88.9	88.9	89.0	89.1	89.3
GE 1500			84.1	86.2	89.8	90.6	90.9	91.4	92.0	92.2	92.3	92.4	92.4	92.5	92.7	92.8
GE 1200			84.6	86.7	90.7	92.0	92.3	93.0	93.8	94.0	94.2	94.2	94.3	94.4	94.5	94.7
GE 1000			84.9	87.2	91.6	93.0	93.3	94.1	95.2	95.6	95.9	96.0	96.0	96.1	96.3	96.5
GE 900			84.9	87.2	91.7	93.1	93.5	94.5	95.5	95.9	96.4	96.5	96.5	96.6	96.8	97.0
GE 800			84.9	87.3	91.9	93.4	93.7	94.9	96.0	96.6	97.0	97.2	97.3	97.3	97.5	97.7
GE 700			85.0	87.4	92.0	93.6	93.9	95.1	96.4	96.9	97.4	97.6	97.7	97.8	98.0	98.2
GE 600			85.0	87.5	92.1	93.7	94.1	95.4	96.7	97.2	97.8	98.0	98.2	98.3	98.6	98.7
GE 500			85.0	87.5	92.2	93.8	94.2	95.5	97.0	97.5	98.2	98.4	98.7	98.9	99.2	99.4
GE 400			85.0	87.5	92.2	93.8	94.2	95.6	97.1	97.7	98.5	98.6	99.0	99.2	99.5	99.7
GE 300			85.0	87.5	92.2	93.8	94.2	95.6	97.1	97.7	98.5	98.6	99.0	99.2	99.5	99.7
GE 200			85.0	87.5	92.2	93.8	94.2	95.6	97.1	97.7	98.5	98.6	99.0	99.2	99.5	100.0
GE 100			85.0	87.5	92.2	93.8	94.2	95.6	97.1	97.7	98.5	98.6	99.0	99.2	99.5	100.0
GE C			85.0	87.5	92.2	93.8	94.2	95.6	97.1	97.7	98.5	98.6	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 2220

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 78,01-86

MONTH: JUN

HOURS(IST): 0300-0500

CEILING	VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	21.2	32.6	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	35.5
GE 20000	22.6	34.8	35.5	36.2	36.2	36.2	36.5	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.6
GE 18000	23.3	35.5	36.2	36.9	36.9	36.9	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	38.3
GE 16000	23.3	35.5	36.2	36.9	36.9	36.9	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	38.3
GE 14000	23.3	35.5	36.2	36.9	36.9	36.9	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	38.3
GE 12000	24.0	36.2	36.9	37.6	37.6	37.6	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	39.0
GE 10000	26.2	38.3	39.0	39.7	39.7	39.7	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	41.1
GE 9000	27.6	39.7	41.1	41.8	41.8	41.8	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.3
GE 8000	40.4	42.6	44.0	44.7	44.7	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	46.1
GE 7000	43.3	45.4	46.8	48.2	48.2	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.6
GE 6000	44.7	46.8	48.2	49.6	49.6	49.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.1
GE 5000	48.9	51.1	52.5	53.9	53.9	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.3
GE 4500	49.6	51.8	53.9	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.7
GE 4000	57.4	60.3	62.4	63.8	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2
GE 3500	61.7	64.5	66.7	68.1	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.5
GE 3000	69.5	72.3	74.5	75.9	75.9	75.9	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0
GE 2500	75.2	78.0	81.6	83.0	83.0	83.0	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.8
GE 2000	77.3	80.1	85.1	86.5	86.5	86.5	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4
GE 1800	77.3	80.1	85.1	86.5	86.5	86.5	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	90.1
GE 1500	79.4	82.3	87.9	90.1	90.1	90.1	92.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.3
GE 1200	80.1	83.0	88.7	90.8	90.8	90.8	91.5	93.6	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.7
GE 1000	80.9	83.7	89.4	92.2	92.2	92.2	93.6	95.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.9
GE 900	80.9	83.7	89.4	92.2	92.2	92.2	93.6	95.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.9
GE 800	80.9	84.4	90.1	92.9	92.9	92.9	94.3	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6
GE 700	80.9	84.4	90.1	92.9	92.9	92.9	94.3	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6
GE 600	80.9	84.4	90.1	92.9	92.9	92.9	94.3	96.5	97.2	97.9	97.9	97.9	97.9	98.6	98.6	99.3
GE 500	80.9	84.4	90.1	92.9	92.9	92.9	94.3	97.2	97.9	98.6	98.6	98.6	98.6	99.3	99.3	100.0
GE 400	80.9	84.4	90.1	92.9	92.9	92.9	94.3	97.2	97.9	98.6	98.6	98.6	98.6	99.3	99.3	100.0
GE 300	80.9	84.4	90.1	92.9	92.9	92.9	94.3	97.2	97.9	98.6	98.6	98.6	98.6	99.3	99.3	100.0
GE 200	80.9	84.4	90.1	92.9	92.9	92.9	94.3	97.2	97.9	98.6	98.6	98.6	98.6	99.3	99.3	100.0
GE 100	80.9	84.4	90.1	92.9	92.9	92.9	94.3	97.2	97.9	98.6	98.6	98.6	98.6	99.3	99.3	100.0
GE C	80.9	84.4	90.1	92.9	92.9	92.9	94.3	97.2	97.9	98.6	98.6	98.6	98.6	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 141

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86

MONTH: JUN

HOURS(IST): 0600-0600

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CEIL	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
GE 20000	43.6	44.0	45.2	45.5	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 18000	43.6	44.1	45.4	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 16000	43.8	44.1	45.4	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 14000	43.8	44.1	45.5	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 12000	44.1	44.5	45.9	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 10000	46.2	46.6	48.5	48.9	48.9	48.9	49.0	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	47.3	47.6	49.7	50.1	50.1	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 8000	50.4	50.8	52.9	53.2	53.2	53.2	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 7000	53.4	53.8	55.9	56.2	56.2	56.2	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 6000	54.1	54.5	56.6	56.9	56.9	56.9	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 5000	56.0	56.4	58.5	58.8	58.8	58.8	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4500	57.3	57.6	59.9	60.2	60.2	60.2	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4000	66.0	66.4	68.7	69.0	69.0	69.0	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	69.4	69.9	72.3	72.9	72.9	72.9	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000	76.0	76.7	79.3	80.2	80.6	80.6	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500	79.3	80.0	83.5	84.6	84.9	84.9	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	81.3	82.0	86.2	87.2	87.6	87.6	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	82.7	83.5	87.9	89.0	89.5	89.5	89.7	89.7	89.7	90.2	90.2	90.2	90.4	90.4	90.4	90.4
GE 1600	84.4	85.6	90.7	92.1	92.6	93.0	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1400	85.5	86.7	92.3	94.0	94.9	95.3	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	85.8	87.0	93.0	94.7	95.8	96.9	97.5	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	85.8	87.0	93.2	94.9	96.0	97.2	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	85.8	87.0	93.2	94.9	96.0	97.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	85.8	87.0	93.2	94.9	96.0	97.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	85.8	87.0	93.2	94.9	96.0	97.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	85.8	87.0	93.2	94.9	96.0	97.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	85.8	87.0	93.2	94.9	96.0	97.5	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.8	87.0	93.2	94.9	96.0	97.5	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.8	87.0	93.2	94.9	96.0	97.5	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.8	87.0	93.2	94.9	96.0	97.5	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.8	87.0	93.2	94.9	96.0	97.5	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	85.8	87.0	93.2	94.9	96.0	97.5	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 571

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO DAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUN HOUR: 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	100	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL		41.6	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 20000		46.0	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 18000		46.0	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 16000		46.0	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 14000		46.2	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 12000		47.0	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 10000		48.3	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000		50.1	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 8000		53.6	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 7000		58.4	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 6000		58.6	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 5000		61.7	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 4500		63.9	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4000		68.7	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500		73.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000		79.9	81.0	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500		84.2	85.3	87.5	87.7	88.2	88.2	88.2	89.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000		85.8	86.9	89.9	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800		86.6	88.0	91.0	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500		89.0	90.6	94.7	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200		89.1	90.8	95.2	95.6	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000		89.3	91.0	95.4	95.8	96.9	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900		89.9	91.5	96.1	96.5	97.6	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800		89.9	91.5	96.1	96.5	97.6	98.0	98.2	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9
GE 700		89.9	91.5	96.1	96.7	97.8	98.2	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600		89.9	91.5	96.1	96.9	98.0	98.3	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500		89.9	91.5	96.1	96.9	98.0	98.5	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		89.9	91.5	96.1	96.9	98.0	98.5	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		89.9	91.5	96.1	96.9	98.0	98.5	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		89.9	91.5	96.1	96.9	98.0	98.5	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		89.9	91.5	96.1	96.9	98.0	98.5	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		89.9	91.5	96.1	96.9	98.0	98.5	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 543

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUN HOUR(S) (LT): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		38.7	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 20000		43.8	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 18000		44.7	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 16000		44.7	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 14000		44.7	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 12000		45.1	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 10000		45.3	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 9000		47.5	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 8000		52.5	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 7000		57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 6000		57.4	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 5000		58.9	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 4500		60.9	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4000		66.0	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 3500		74.5	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000		84.8	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500		87.9	88.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2000		89.1	90.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800		90.7	91.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500		92.4	93.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200		92.6	93.6	96.7	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000		92.6	93.6	96.9	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900		93.0	94.0	97.7	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800		93.0	94.0	97.7	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700		93.0	94.0	97.7	98.6	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600		93.0	94.0	97.7	98.6	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		93.0	94.0	97.7	98.6	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400		93.0	94.0	97.7	98.6	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		93.0	94.0	97.7	98.6	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		93.0	94.0	97.7	98.6	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		93.0	94.0	97.7	98.6	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE C		93.0	94.0	97.7	98.6	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 514

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86

MONTH: JUN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 20000	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 18000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 16000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 14000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 12000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 10000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 9000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 7000	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 6000	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 4500	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4000	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 3500	77.4	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	86.5	87.1	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	89.3	90.3	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	89.7	91.2	93.7	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	91.2	93.1	95.6	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1600	91.5	93.4	96.6	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1400	91.5	93.4	96.6	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	91.5	93.4	97.2	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	91.5	93.4	97.2	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	91.8	93.7	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 319



GLOBAL CLIMATOLOGY BRANCH  
WAFETYAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 81-84  
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 40	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 20000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 18000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 16000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 14000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 12000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 10000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 8000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 7000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 6000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 5000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 4500	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 3500	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 400	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 300	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 200	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 100	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8

TOTAL NUMBER OF OBSERVATIONS: 69

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711		STATION NAME: DO BAKER AAF GERMANY										PERIOD OF RECORD: 77-78, 80-86					
												MONTH: JUN		HOURS (LST):		ALL	
CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		BY 160	GE 90	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	
NO CEIL			39.2	39.7	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	
GE 20000			43.4	43.9	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	
GE 18000			43.9	44.4	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	
GE 16000			43.9	44.4	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	
GE 14000			43.9	44.5	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	
GE 12000			44.3	44.9	45.4	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	
GE 10000			45.7	46.2	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	
GE 9000			47.5	48.0	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	
GE 8000			51.3	51.9	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	
GE 7000			53.4	54.0	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	
GE 6000			55.9	56.4	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	
GE 5000			58.1	58.7	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
GE 4500			59.7	60.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	
GE 4000			66.1	66.6	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	
GE 3500			72.6	73.3	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	
GE 3000			70.6	71.5	72.6	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6	
GE 2500			74.2	75.3	76.6	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 2000			75.6	76.6	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE 1800			76.8	77.8	79.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
GE 1600			78.5	79.1	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	
GE 1400			78.9	79.5	80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
GE 1200			79.1	79.7	80.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 1000			79.3	79.9	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 900			79.3	79.9	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 800			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 700			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 600			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 500			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 400			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 300			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 200			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 100			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 0			79.4	80.0	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	

TOTAL NUMBER OF OBSERVATIONS: 2157

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 80-86  
MONTH: JUL FOURS(1ST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	1	47.2	47.2	48.6	49.3	49.3	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.7
GE 20000		50.0	50.0	51.4	52.1	52.1	52.1	52.1	52.1	52.8	52.8	52.8	52.8	52.8	52.8	53.5
GE 18000		50.0	50.0	51.4	52.1	52.1	52.1	52.1	52.1	52.8	52.8	52.8	52.8	52.8	52.8	53.5
GE 16000		50.0	50.0	51.4	52.1	52.1	52.1	52.1	52.1	52.8	52.8	52.8	52.8	52.8	52.8	53.5
GE 14000		50.0	50.0	51.4	52.1	52.1	52.1	52.1	52.1	52.8	52.8	52.8	52.8	52.8	52.8	53.5
GE 12000		50.0	50.0	51.4	52.1	52.1	52.1	52.1	52.1	52.8	52.8	52.8	52.8	52.8	52.8	53.5
GE 10000		51.4	51.4	52.8	53.5	53.5	53.5	53.5	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.9
GE 9000		51.4	51.4	52.8	53.5	53.5	53.5	53.5	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.9
GE 8000		54.9	54.9	56.3	56.9	56.9	56.9	56.9	56.9	57.6	57.6	57.6	57.6	57.6	57.6	58.3
GE 7000		60.4	61.1	62.5	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	64.6
GE 6000		60.4	61.1	62.5	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	64.6
GE 5000		63.2	63.9	65.3	66.0	66.0	66.0	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	67.4
GE 4500		65.3	66.0	67.4	68.1	68.1	68.1	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	69.4
GE 4000		70.8	71.5	72.9	73.6	73.6	73.6	74.3	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.7
GE 3500		72.9	73.6	75.0	75.7	75.7	75.7	76.4	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.8
GE 3000		77.8	78.5	81.3	81.9	81.9	81.9	82.6	82.6	83.3	83.3	83.3	83.3	83.3	83.3	84.0
GE 2500		81.3	81.9	85.4	86.0	86.0	86.0	87.5	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.9
GE 2000		82.6	83.3	87.5	88.9	88.9	88.9	89.6	89.6	90.3	90.3	90.3	90.3	90.3	90.3	91.0
GE 1800		83.3	84.0	88.9	91.0	91.0	91.0	92.4	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.8
GE 1600		84.0	84.7	90.3	92.4	92.4	92.4	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	95.1
GE 1400		84.0	84.7	90.3	92.4	92.4	92.4	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.8
GE 1200		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 1000		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 900		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 800		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 700		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 600		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 500		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 400		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 300		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 200		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 100		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	97.2
GE 0		84.7	85.4	91.7	93.8	93.8	93.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 144

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURS(LST): 0600-0800

TOTAL NUMBER OF RESERVATIONS: 563

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BQ BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	C
NO CEIL	I	70.5	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000		55.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 18000		55.3	55.5	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 16000		55.3	55.5	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 14000		55.3	55.5	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 12000		55.7	55.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000		56.8	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000		59.4	58.6	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000		60.1	60.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000		68.5	69.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 6000		68.9	69.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 5000		70.3	70.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500		70.7	71.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000		70.7	71.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500		80.4	81.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000		84.6	85.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500		97.5	88.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2000		98.0	89.4	92.5	92.9	92.9	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800		99.9	90.5	94.1	94.7	94.7	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500		91.2	91.8	96.0	96.5	96.5	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200		91.8	92.3	96.9	97.6	97.6	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000		91.8	92.3	96.9	97.6	97.6	98.4	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900		91.8	92.3	96.9	97.6	97.6	98.4	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800		91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	C	91.8	92.3	97.3	98.0	98.0	98.7	98.9	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	64.0	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 7000	67.7	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	67.9	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	69.3	69.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4500	69.7	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	74.8	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3500	80.9	80.9	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	85.2	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	90.0	90.0	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	90.6	90.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	91.5	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	92.3	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	92.9	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 400	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 300	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 200	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 100	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 0	92.9	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8

TOTAL NUMBER OF OBSERVATIONS: 508

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL		47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000		54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 18000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 16000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 14000		54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 12000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000		55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 9000		56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000		64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 7000		67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000		68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 5000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500		70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000		75.7	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500		82.5	83.1	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000		87.3	87.8	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500		89.7	90.5	91.8	92.1	92.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000		91.5	92.3	94.7	95.0	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800		93.1	94.2	97.4	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500		93.1	94.2	97.4	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200		93.1	94.2	97.4	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		93.1	94.2	97.4	97.6	97.6	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 378

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 82-84  
MONTH: JUL HOURS(151): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	100	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 20000	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 18000	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 16000	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 14000	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 12000	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 10000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 8000	56.6	56.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000	60.2	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	60.2	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 5000	62.7	62.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4500	62.7	62.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000	71.1	71.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	85.5	85.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3000	89.2	90.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	89.2	90.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	89.2	90.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	90.4	91.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1600	90.4	91.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1400	90.4	91.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	90.4	91.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	90.4	91.6	97.6	97.6	97.6	97.6	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 63



GLOBAL CLIMATOLOGY BRANCH  
LAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		48.0	48.2	48.5	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.9	48.9	49.0
GE 2000		53.0	53.3	53.7	53.8	53.8	53.9	53.9	54.0	54.1	54.1	54.1	54.1	54.2	54.2	54.3
GE 1800		53.3	53.6	54.0	54.1	54.1	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.5	54.5	54.5
GE 1600		53.3	53.6	54.0	54.1	54.1	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.5	54.5	54.5
GE 1400		53.3	53.6	54.0	54.1	54.1	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.6
GE 1200		53.6	53.9	54.3	54.4	54.4	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.8	54.8	54.9
GE 1000		55.0	55.3	55.7	55.9	55.9	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.3	56.3	56.3
GE 900		56.6	56.8	57.2	57.4	57.4	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.9
GE 800		61.7	62.1	62.6	62.8	62.8	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.3
GE 700		65.7	66.2	66.8	67.0	67.0	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.5	67.5	67.6
GE 600		66.1	66.7	67.2	67.4	67.4	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.9	67.9	68.0
GE 500		68.3	68.8	69.4	69.6	69.6	69.7	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.2
GE 450		69.0	69.5	70.1	70.3	70.3	70.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.9
GE 400		74.8	75.4	76.2	76.4	76.4	76.6	76.6	76.7	76.9	76.9	76.9	76.9	77.0	77.0	77.1
GE 350		79.9	80.5	81.4	81.6	81.6	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.3
GE 300		84.4	85.1	86.3	86.5	86.5	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.2
GE 250		87.2	88.3	90.0	90.3	90.3	90.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.2
GE 200		88.5	89.7	92.2	92.5	92.5	92.9	93.0	93.1	93.3	93.3	93.4	93.5	93.5	93.6	93.7
GE 180		89.6	90.9	93.8	94.3	94.3	94.9	95.0	95.0	95.3	95.3	95.4	95.4	95.5	95.5	95.6
GE 150		90.6	91.9	95.2	95.7	95.7	96.4	96.6	96.7	96.9	96.9	97.0	97.1	97.1	97.2	97.3
GE 120		90.9	92.2	95.9	96.4	96.4	97.2	97.4	97.5	97.7	97.7	97.8	97.9	97.9	98.0	98.1
GE 100		91.0	92.3	96.1	96.6	96.7	97.7	98.2	98.2	98.7	98.7	98.8	98.9	98.9	99.0	99.1
GE 90		91.0	92.3	96.1	96.6	96.7	97.7	98.2	98.2	98.7	98.7	98.8	98.9	98.9	99.0	99.1
GE 80		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.4	98.9	98.9	99.0	99.1	99.1	99.2	99.3
GE 70		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 60		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 50		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 40		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 30		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 20		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.7	99.9
GE 10		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.7	100.0
GE C		91.0	92.3	96.2	96.7	96.8	97.8	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2222

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 80-86  
MONTH: AUG HOURS(IST): 0300-0500

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 40	GE 40	GE 22	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		34.0	34.7	36.1	36.1	36.1	36.1	36.7	36.7	38.1	38.1	40.8	42.2	44.2	44.9	46.9
GE 20000		34.0	34.7	36.1	36.1	36.1	36.1	36.7	36.7	38.1	38.1	40.8	42.2	44.2	44.9	46.9
GE 18000		34.0	34.7	36.1	36.1	36.1	36.1	36.7	36.7	38.1	38.1	40.8	42.2	44.2	44.9	46.9
GE 16000		34.0	34.7	36.1	36.1	36.1	36.1	36.7	36.7	38.1	38.1	40.8	42.2	44.2	44.9	46.9
GE 14000		34.0	34.7	36.1	36.1	36.1	36.1	36.7	36.7	38.1	38.1	40.8	42.2	44.2	44.9	46.9
GE 12000		34.7	36.1	37.4	37.4	37.4	37.4	38.1	38.1	39.5	39.5	42.2	43.5	45.6	46.3	48.3
GE 10000		35.4	36.7	38.1	38.1	38.1	38.1	38.8	38.8	40.1	40.1	42.9	44.2	46.3	46.9	49.0
GE 9000		38.1	39.5	40.8	40.8	40.8	40.8	41.5	41.5	42.9	42.9	45.6	46.9	49.0	49.7	51.7
GE 8000		40.1	41.5	42.9	42.9	42.9	42.9	43.5	43.5	44.9	44.9	47.6	49.0	51.0	51.7	53.7
GE 7000		41.5	42.9	44.2	44.2	44.2	44.2	44.9	44.9	46.3	46.3	49.0	50.3	52.4	53.1	55.1
GE 6000		42.2	43.5	44.9	44.9	44.9	44.9	45.6	45.6	46.9	46.9	49.7	51.0	53.1	53.7	55.8
GE 5000		46.9	48.3	49.7	49.7	49.7	50.3	51.0	51.0	52.4	52.4	55.1	56.5	58.5	59.2	61.2
GE 4500		48.3	51.7	53.1	53.1	53.1	53.7	54.4	54.4	55.8	55.8	58.5	59.9	61.9	62.6	64.6
GE 4000		51.1	58.5	59.9	59.9	59.9	60.5	61.2	61.2	62.6	62.6	65.3	66.7	68.7	69.4	71.4
GE 3500		61.9	63.3	64.6	64.6	64.6	65.3	66.0	66.0	67.3	67.3	70.1	71.4	73.5	74.1	76.2
GE 3000		64.6	66.0	68.7	68.7	68.7	70.1	70.7	70.7	72.1	72.1	74.8	76.2	78.2	78.9	81.0
GE 2500		66.0	67.3	70.7	70.7	70.7	72.8	73.5	73.5	74.8	74.8	77.6	78.9	81.0	81.6	83.7
GE 2000		66.0	67.3	72.8	73.5	73.5	76.2	76.9	76.9	78.9	78.9	81.6	83.0	85.0	85.7	87.8
GE 1800		66.0	68.0	74.1	74.8	74.8	77.6	78.2	78.2	80.3	80.3	83.0	84.4	86.4	87.1	89.1
GE 1500		67.3	69.4	76.9	77.6	77.6	80.3	81.0	81.0	83.0	83.0	85.7	87.1	89.1	89.8	91.8
GE 1200		67.3	69.4	77.6	78.2	78.2	81.0	81.6	81.6	83.7	83.7	86.4	87.8	89.8	90.5	92.5
GE 1000		67.3	69.4	77.6	79.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.2	93.9	95.9
GE 900		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.2	93.9	95.9
GE 800		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.9	94.6	96.6
GE 700		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.9	94.6	96.6
GE 600		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.9	94.6	96.6
GE 500		67.3	69.4	77.6	79.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.2	93.9	95.9
GE 400		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.2	93.9	95.9
GE 300		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.2	93.9	95.9
GE 200		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.2	93.9	95.9
GE 100		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.2	93.9	95.9
GE C		67.3	69.4	77.6	78.2	78.9	82.3	83.0	83.7	87.1	87.1	89.8	91.2	93.2	93.9	95.9

TOTAL NUMBER OF OBSERVATIONS: 147

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: AUG HOURS(IST): 0600-0800

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		35.4	36.4	38.8	39.5	39.5	40.2	40.5	41.4	41.4	41.4	41.4	41.6	42.7	43.6	44.6
GE 20000		38.6	39.6	42.1	42.5	42.9	43.6	44.1	44.8	44.8	44.8	44.8	45.0	46.1	47.0	48.0
GE 18000		39.3	40.4	42.9	43.6	43.6	44.3	45.0	45.5	45.7	45.7	45.7	45.9	47.0	47.9	48.9
GE 16000		39.3	40.4	42.9	43.6	43.6	44.3	45.0	45.5	45.7	45.7	45.7	45.9	47.0	47.9	48.9
GE 14000		39.5	40.5	43.0	43.8	43.8	44.5	45.2	45.7	45.9	45.9	45.9	46.1	47.1	48.0	49.1
GE 12000		39.6	40.9	43.4	44.1	44.1	44.8	45.5	46.1	46.3	46.3	46.3	46.4	47.5	48.4	49.5
GE 10000		41.8	42.9	45.4	46.1	46.1	46.8	47.5	48.0	48.2	48.2	48.2	48.4	49.5	50.4	51.4
GE 9000		43.6	44.6	47.1	47.5	47.9	48.6	49.1	49.8	50.0	50.0	50.0	50.2	51.3	52.1	53.2
GE 8000		47.1	48.2	50.7	51.4	51.4	52.1	52.9	53.4	53.6	53.6	53.6	53.8	54.8	55.7	56.8
GE 7000		49.3	50.4	52.9	53.6	53.6	54.3	55.0	55.5	55.7	55.7	55.7	55.9	57.0	57.9	58.9
GE 6000		50.0	51.1	53.6	54.3	54.3	55.0	55.7	56.3	56.4	56.4	56.4	56.6	57.7	58.6	59.6
GE 5000		53.4	54.6	57.1	57.9	57.9	58.6	59.3	59.8	60.0	60.0	60.0	60.2	61.3	62.1	63.2
GE 4500		55.2	56.4	58.9	59.6	59.6	60.4	61.1	61.6	61.8	61.8	61.8	62.0	63.0	63.9	65.0
GE 4000		59.6	60.9	63.4	64.1	64.1	64.8	65.5	66.1	66.3	66.3	66.3	66.4	67.5	68.4	69.5
GE 3500		62.3	63.8	66.4	67.1	67.1	67.9	68.6	69.1	69.3	69.3	69.3	69.5	70.5	71.4	72.5
GE 3000		66.6	68.2	71.4	72.1	72.3	73.0	73.8	74.3	74.5	74.5	74.5	74.6	75.7	76.6	77.7
GE 2500		70.0	71.8	75.4	76.1	76.3	77.0	77.9	78.4	78.6	78.6	78.6	78.8	79.8	80.7	81.8
GE 2000		71.3	73.6	78.9	79.8	80.0	80.7	81.6	82.1	83.0	83.0	83.0	83.2	84.3	85.2	86.3
GE 1800		71.8	74.5	80.5	81.4	81.6	82.3	83.2	83.9	84.8	85.0	85.0	85.2	86.3	87.1	88.2
GE 1600		73.8	76.6	84.6	85.9	86.4	87.1	88.6	89.3	90.2	90.4	90.4	90.5	91.6	92.5	93.6
GE 1200		73.8	76.6	84.8	86.1	86.6	87.9	88.6	89.6	90.7	90.9	90.9	91.1	92.1	93.0	94.1
GE 1000		73.8	76.6	85.2	86.4	87.1	88.4	89.4	91.3	92.3	92.5	92.7	92.9	93.9	94.8	95.9
GE 900		73.8	76.6	85.2	86.4	87.1	88.4	89.4	90.5	91.4	92.5	92.7	92.9	93.0	94.1	95.0
GE 800		73.8	76.6	85.5	87.0	87.7	88.9	89.9	91.1	92.1	93.2	93.4	93.8	93.9	95.0	95.9
GE 700		73.8	76.6	85.5	87.0	87.7	88.9	89.9	91.1	92.5	93.9	94.3	94.6	95.0	96.1	97.0
GE 600		73.8	76.6	85.5	87.1	88.2	89.5	91.6	93.0	94.5	94.8	95.2	95.5	96.8	97.7	98.8
GE 500		73.8	77.0	85.7	87.3	88.4	89.6	92.2	93.8	95.2	95.7	96.1	96.4	97.7	98.6	99.6
GE 400		73.8	77.0	85.7	87.3	88.4	89.6	92.2	93.8	95.2	95.7	96.1	96.4	97.7	98.6	99.6
GE 300		73.8	77.0	85.7	87.3	88.4	89.6	92.2	93.8	95.2	95.7	96.1	96.4	97.9	98.8	100.0
GE 200		73.8	77.0	85.7	87.3	88.4	89.6	92.2	93.8	95.2	95.7	96.1	96.4	97.9	98.8	100.0
GE 100		73.8	77.0	85.7	87.3	88.4	89.6	92.2	93.8	95.2	95.7	96.1	96.4	97.9	98.8	100.0
GE 01		73.8	77.0	85.7	87.3	88.4	89.6	92.2	93.8	95.2	95.7	96.1	96.4	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 560

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: AUG HOUR(S): 0900-1100

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL	1	43.9	45.2	47.3	47.3	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000		48.4	49.7	51.8	51.8	51.8	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000		49.0	50.3	52.4	52.4	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000		49.0	50.3	52.4	52.4	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000		49.5	50.8	52.9	52.9	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000		49.9	51.2	53.3	53.3	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 10000		52.7	54.0	56.1	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000		53.3	54.6	56.9	56.9	56.9	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 8000		55.7	57.3	59.5	59.5	59.5	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 7000		57.4	58.9	61.2	61.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000		57.8	59.3	61.6	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 5000		60.1	61.6	63.8	64.0	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4500		60.5	62.0	64.2	64.4	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4000		63.1	64.6	66.9	67.0	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3500		66.9	68.4	70.6	70.8	70.8	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3000		72.9	74.8	77.8	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500		76.5	78.3	81.5	81.9	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000		78.3	80.4	84.6	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800		79.5	81.7	87.4	88.1	88.1	88.1	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1600		81.0	83.4	90.0	91.3	91.3	91.3	91.7	92.5	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1400		81.9	84.4	91.7	93.6	93.6	94.0	94.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200		82.1	84.6	92.3	94.2	94.2	94.9	95.5	95.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000		82.1	84.6	92.3	94.5	94.5	95.3	96.2	96.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 900		82.5	84.9	92.7	94.9	94.9	95.7	96.8	97.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 800		82.5	84.9	92.7	95.1	95.1	96.0	97.4	97.6	98.7	98.7	98.9	98.9	98.9	99.2	99.2	99.2
GE 700		82.5	84.9	92.7	95.5	95.5	96.4	97.7	97.9	99.1	99.1	99.2	99.2	99.2	99.6	99.6	99.6
GE 600		82.5	84.9	92.7	95.5	95.5	96.4	97.7	97.9	99.1	99.1	99.2	99.2	99.2	99.6	99.6	99.6
GE 500		82.5	84.9	92.7	95.5	95.5	96.4	97.7	97.9	99.1	99.1	99.2	99.2	99.2	99.6	99.6	99.6
GE 400		82.5	84.9	92.7	95.5	95.5	96.4	97.7	97.9	99.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8
GE 300		82.5	84.9	92.7	95.5	95.5	96.4	97.7	97.9	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0
GE 200		82.5	84.9	92.7	95.5	95.5	96.4	97.7	97.9	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0
GE 100		82.5	84.9	92.7	95.5	95.5	96.4	97.7	97.9	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0
GE C		82.5	84.9	92.7	95.5	95.5	96.4	97.7	97.9	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 531

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86

MONTH: AUG HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET		100	90	80	60	40	30	24	20	16	12	10	8	5	4	0
NO CEIL		44.7	44.9	45.1	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000		47.2	47.4	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 18000		47.8	48.0	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000		47.8	48.0	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 14000		48.0	48.2	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 12000		48.2	48.4	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 10000		50.3	50.5	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 9000		51.4	51.6	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 8000		58.7	59.1	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 7000		61.0	61.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000		61.8	62.2	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000		63.7	64.1	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500		64.1	64.5	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 4000		66.0	66.6	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3500		72.0	72.6	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000		79.3	79.8	80.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500		84.1	85.0	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000		86.0	87.9	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800		87.1	89.3	92.5	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1600		98.5	90.8	95.0	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1400		85.4	91.7	96.4	97.1	97.1	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200		89.6	91.9	96.5	97.3	97.5	97.7	97.9	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000		89.6	91.9	96.5	97.3	97.5	97.7	97.9	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900		89.6	92.1	96.7	97.5	97.7	97.9	98.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800		89.6	92.1	96.7	98.1	98.3	98.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		89.6	92.1	96.7	98.1	98.3	98.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		89.6	92.1	96.7	98.1	98.3	98.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		89.6	92.1	96.7	98.1	98.3	98.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		89.6	92.1	96.7	98.1	98.3	98.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		89.6	92.1	96.7	98.1	98.3	98.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		89.6	92.1	96.7	98.1	98.3	98.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		89.6	92.1	96.7	98.1	98.3	98.5	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 421

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: AUG HOURS (LST): 1500-1700

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS															
		ET 16C	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE G
NO	CEIL		39.2	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE	20000		42.5	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE	18000		43.4	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE	16000		43.4	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE	14000		43.7	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE	12000		45.4	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE	10000		47.2	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE	9000		49.3	49.9	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE	8000		52.8	53.4	53.7	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE	7000		56.0	57.2	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE	6000		57.2	58.4	59.0	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE	5000		59.9	61.1	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE	4000		61.7	62.8	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE	3000		64.6	65.8	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE	2000		71.1	72.3	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE	1000		82.3	83.5	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE	2500		85.5	87.0	89.4	89.4	89.4	89.7	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	2000		87.0	88.5	91.2	91.2	91.2	91.4	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE	1800		90.0	91.4	94.1	94.1	94.1	94.4	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE	1500		90.3	92.0	95.0	95.0	95.0	95.6	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE	1200		90.3	92.3	95.6	96.2	96.2	96.5	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	1000		90.6	92.6	95.9	96.5	96.5	96.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	900		90.6	92.6	95.9	96.5	96.5	96.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	800		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	700		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	600		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	500		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0		90.9	92.9	96.2	96.8	96.8	97.1	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 339

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,81-84  
MONTH: AUG HOURS/ILST: 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 18000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 16000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 14000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 9000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 8000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 7000	50.7	50.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 6000	50.7	50.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 5000	53.5	53.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 4500	56.3	56.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 4000	59.2	59.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3500	67.6	69.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3000	80.3	81.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	87.3	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	87.3	90.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	88.7	91.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	88.7	91.5	97.2	97.2	97.2	97.2	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM POLARLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: AUG HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL	40.2	41.0	42.3	42.6	42.6	42.7	43.1	43.2	43.3	43.3	43.5	43.6	44.0	44.3	44.7	
GE 20000	43.4	44.2	45.5	45.8	45.8	46.0	46.3	46.4	46.5	46.5	46.7	46.8	47.3	47.5	47.9	
GE 18000	44.0	44.8	46.2	46.4	46.4	46.6	46.9	47.1	47.2	47.2	47.4	47.5	47.9	48.2	48.6	
GE 16000	44.0	44.8	46.2	46.4	46.4	46.6	46.9	47.1	47.2	47.2	47.4	47.5	47.9	48.2	48.6	
GE 14000	44.3	45.1	46.4	46.7	46.7	46.9	47.2	47.3	47.5	47.5	47.7	47.8	48.2	48.5	48.9	
GE 12000	44.9	45.7	47.1	47.3	47.3	47.5	47.5	48.0	48.1	48.1	48.3	48.5	48.9	49.1	49.6	
GE 10000	47.0	47.9	49.2	49.5	49.5	49.7	50.0	50.1	50.3	50.3	50.4	50.6	51.0	51.3	51.7	
GE 9000	48.9	49.7	51.1	51.4	51.4	51.6	51.6	52.1	52.2	52.2	52.4	52.5	52.9	53.2	53.6	
GE 8000	52.5	53.4	54.8	55.1	55.1	55.3	55.6	55.8	55.9	55.9	56.1	56.2	56.7	56.9	57.4	
GE 7000	54.7	55.7	57.2	57.5	57.5	57.7	58.0	58.2	58.3	58.3	58.5	58.6	59.1	59.3	59.8	
GE 6000	55.4	56.4	57.9	58.2	58.2	58.4	58.7	58.9	59.0	59.0	59.2	59.3	59.8	60.0	60.4	
GE 5000	58.1	59.2	60.6	60.9	60.9	61.2	61.5	61.7	61.8	61.8	62.0	62.1	62.6	62.8	63.3	
GE 4500	59.3	60.4	61.9	62.2	62.2	62.5	62.8	62.9	63.1	63.1	63.3	63.4	63.8	64.1	64.5	
GE 4000	62.6	63.7	65.2	65.5	65.5	65.8	66.1	66.3	66.4	66.4	66.6	66.7	67.1	67.4	67.8	
GE 3500	67.3	68.5	70.0	70.4	70.4	70.6	71.0	71.1	71.2	71.2	71.4	71.6	72.0	72.2	72.7	
GE 3000	74.0	75.3	77.5	77.9	77.9	78.2	78.6	78.7	78.9	78.9	79.1	79.2	79.6	79.9	80.3	
GE 2500	77.7	79.2	81.9	82.3	82.3	82.7	83.1	83.3	83.4	83.4	83.6	83.8	84.2	84.5	84.9	
GE 2000	79.2	81.1	84.9	85.5	85.5	85.9	86.4	86.5	87.0	87.0	87.1	87.3	87.7	88.0	88.4	
GE 1800	80.4	82.6	87.3	87.8	87.9	88.3	88.6	88.9	89.5	89.5	89.7	89.9	90.3	90.5	91.0	
GE 1500	91.7	94.1	99.9	90.9	91.0	91.7	92.2	92.4	93.2	93.2	93.4	93.5	94.0	94.2	94.7	
GE 1200	92.2	94.6	90.9	92.0	92.1	92.8	93.5	93.6	94.5	94.5	94.7	94.8	95.3	95.5	95.9	
GE 1000	92.3	94.7	91.2	92.3	92.6	93.4	94.5	94.8	96.0	96.0	96.3	96.4	96.9	97.1	97.6	
GE 900	92.3	94.7	91.2	92.4	92.7	93.5	94.7	95.0	96.1	96.2	96.4	96.6	97.0	97.3	97.7	
GE 800	92.4	95.0	91.5	92.7	93.0	93.8	95.0	95.0	96.6	96.6	97.0	97.1	97.6	97.8	98.2	
GE 700	92.4	95.0	91.5	92.5	93.2	94.1	95.4	95.4	97.2	97.3	97.6	97.8	98.3	98.6	99.0	
GE 600	92.4	95.0	91.5	93.0	93.4	94.3	95.6	96.2	97.5	97.6	97.9	98.1	98.7	99.0	99.4	
GE 500	92.4	95.0	91.5	93.1	93.5	94.3	95.9	96.4	97.7	97.9	98.2	98.4	99.0	99.3	99.7	
GE 400	92.4	95.0	91.5	93.1	93.5	94.3	95.9	96.4	97.8	97.9	98.2	98.4	99.0	99.3	99.8	
GE 300	92.4	95.0	91.5	93.1	93.5	94.3	95.9	96.4	97.8	97.9	98.2	98.4	99.0	99.3	99.8	
GE 200	92.4	95.0	91.5	93.1	93.5	94.3	95.9	96.4	97.8	97.9	98.2	98.4	99.0	99.3	99.8	
GE 100	92.4	95.0	91.5	93.1	93.5	94.3	95.9	96.4	97.8	97.9	98.2	98.4	99.0	99.3	99.8	
GE C	92.4	95.0	91.5	93.1	93.5	94.3	95.9	96.4	97.8	97.9	98.2	98.4	99.0	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2169



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77.80-86

MONTH: SEP HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	
NO CEIL	I		25.5	27.7	29.9	34.1	34.3	35.8	36.5	36.5	37.2	37.2	37.2	38.7	40.9	41.6	43.8
GE 20000	I		27.7	29.9	32.1	36.5	36.5	38.0	38.7	38.7	39.4	39.4	39.4	40.9	43.1	43.8	46.0
GE 18000	I		27.7	29.9	32.1	36.5	36.5	38.0	38.7	38.7	39.4	39.4	39.4	40.9	43.1	43.8	46.0
GE 16000	I		27.7	29.9	32.1	36.5	36.5	38.0	38.7	38.7	39.4	39.4	39.4	40.9	43.1	43.8	46.0
GE 14000	I		27.7	29.9	32.1	36.5	36.5	38.0	38.7	38.7	39.4	39.4	39.4	40.9	43.1	43.8	46.0
GE 12000	I		28.5	30.7	32.8	37.2	37.2	38.7	39.4	39.4	40.1	40.1	40.1	41.6	43.8	44.5	46.7
GE 10000	I		28.5	30.7	32.8	37.2	37.2	38.7	39.4	39.4	40.1	40.1	40.1	41.6	43.8	44.5	46.7
GE 9000	I		29.2	31.4	33.6	38.0	38.0	39.4	40.1	40.1	40.9	40.9	40.9	42.3	44.5	45.3	47.4
GE 8000	I		32.1	34.3	36.5	40.9	40.9	42.3	43.1	43.1	43.8	43.8	43.8	45.3	47.4	48.2	50.4
GE 7000	I		32.8	35.0	38.0	42.3	42.3	43.8	44.5	44.5	45.3	45.3	45.3	46.7	48.9	49.6	51.8
GE 6000	I		34.3	36.5	39.4	43.8	43.8	45.3	46.0	46.0	46.7	46.7	46.7	48.2	51.1	51.8	54.0
GE 5000	I		36.5	38.7	42.3	46.7	46.7	48.2	48.9	48.9	49.6	49.6	49.6	51.1	54.0	54.7	56.9
GE 4500	I		37.2	39.4	43.1	47.4	47.4	48.9	49.6	49.6	50.4	50.4	50.4	51.8	54.7	55.5	57.7
GE 4000	I		40.1	42.3	46.0	50.4	50.4	52.6	53.3	53.3	54.0	54.0	54.0	55.5	58.4	59.1	61.3
GE 3500	I		43.1	46.0	49.6	54.0	54.0	56.2	56.9	56.9	57.7	57.7	57.7	59.1	62.0	62.8	65.0
GE 3000	I		48.9	51.8	57.7	62.0	62.0	64.2	65.7	66.4	67.2	67.2	67.2	68.6	71.5	72.3	74.5
GE 2500	I		50.4	53.3	59.9	65.7	65.7	67.9	69.1	70.1	71.5	71.5	71.5	73.0	75.9	76.6	78.8
GE 2000	I		51.3	56.9	65.7	71.5	72.3	74.5	75.9	76.6	78.1	78.1	78.1	79.6	82.5	83.2	85.4
GE 1800	I		51.3	56.9	65.7	71.5	72.3	74.5	76.6	77.4	78.8	78.8	78.8	80.3	83.2	83.9	86.1
GE 1600	I		54.0	57.7	67.2	73.0	73.7	75.9	78.1	78.8	80.3	80.3	80.3	81.8	84.7	85.4	87.6
GE 1400	I		54.0	57.7	67.9	73.7	74.5	76.6	78.8	79.6	81.0	81.0	81.0	82.5	85.4	86.1	88.3
GE 1200	I		54.7	58.4	70.1	76.6	78.1	81.0	83.2	83.9	86.1	86.1	86.9	88.3	91.2	92.0	94.2
GE 1000	I		54.7	58.4	70.1	76.6	78.1	81.0	83.2	83.9	86.1	86.1	86.9	88.3	91.2	92.0	94.2
GE 900	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	88.3	89.8	92.7	93.4	95.6
GE 800	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	88.3	90.5	94.2	94.9	97.1
GE 600	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	89.1	91.2	94.9	95.6	97.8
GE 500	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	89.1	91.2	94.9	95.6	97.8
GE 400	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	89.1	91.2	94.9	95.6	97.8
GE 300	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	89.8	92.0	95.6	96.4	98.5
GE 200	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	89.8	92.0	95.6	96.4	98.5
GE 100	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	89.8	92.0	95.6	96.4	99.3
GE	I		54.7	58.4	70.1	77.4	78.8	81.8	83.9	84.7	86.9	86.9	91.8	92.0	95.6	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 137

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: SEP HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	32.5	33.2	35.2	35.5	35.9	36.8	37.0	37.2	38.1	38.8	38.8	39.1	40.6	41.1	41.8	
GE 2000	34.1	34.8	36.8	37.3	37.7	38.6	38.8	39.0	39.9	40.6	40.6	40.9	42.5	43.1	43.8	
GE 1800	34.6	35.4	37.3	37.9	38.2	39.1	39.3	39.5	40.4	41.1	41.1	41.5	43.1	43.6	44.3	
GE 1600	34.6	35.4	37.3	37.9	38.2	39.1	39.3	39.5	40.4	41.1	41.1	41.5	43.1	43.6	44.3	
GE 1400	34.8	35.5	37.5	38.1	38.4	39.3	39.5	39.7	40.6	41.3	41.3	41.7	43.3	43.8	44.5	
GE 1200	35.4	36.1	38.1	38.6	39.0	39.9	40.0	40.2	41.1	41.8	41.8	42.2	43.8	44.3	45.1	
GE 1000	36.6	37.3	39.3	40.0	40.4	41.3	41.5	41.7	42.5	43.3	43.3	43.6	45.4	46.0	46.7	
GE 900	36.8	37.5	39.5	40.2	40.6	41.5	41.7	41.8	42.7	43.4	43.4	43.8	45.6	46.1	46.9	
GE 800	40.2	40.9	42.9	44.0	44.3	45.2	45.4	45.6	46.5	47.2	47.2	47.6	49.4	49.9	50.6	
GE 700	41.7	42.4	44.5	45.6	46.0	46.9	47.0	47.2	48.1	48.8	48.8	49.2	51.0	51.5	52.2	
GE 600	41.7	42.4	44.5	45.6	46.0	46.9	47.0	47.2	48.1	48.8	48.8	49.2	51.0	51.5	52.2	
GE 500	45.1	45.8	48.3	49.4	49.7	51.0	51.2	51.3	52.4	53.1	53.3	53.7	55.5	56.0	56.7	
GE 450	46.3	47.0	49.6	50.6	51.0	52.2	52.4	52.6	53.7	54.4	54.6	54.9	56.9	57.5	58.2	
GE 400	51.9	52.8	55.5	56.7	57.1	58.5	58.7	58.9	60.0	60.7	60.9	61.2	63.2	63.7	64.5	
GE 350	54.0	54.9	57.8	59.1	59.6	61.0	61.4	61.6	62.7	63.4	63.6	63.9	65.9	66.4	67.1	
GE 300	59.4	60.3	63.6	65.2	65.7	67.1	67.5	67.7	68.8	69.5	69.7	70.6	72.5	73.1	73.8	
GE 250	61.9	63.4	67.5	69.5	70.0	71.6	72.7	72.9	74.0	74.7	74.9	75.8	77.7	78.8	79.5	
GE 200	66.1	67.7	72.7	75.0	75.6	77.2	78.3	78.5	79.5	80.3	80.4	81.3	83.3	84.4	85.1	
GE 180	68.9	70.6	75.8	78.1	78.8	80.4	81.5	81.7	82.8	83.5	83.7	84.6	86.5	87.6	88.3	
GE 150	70.0	71.6	77.6	80.3	81.0	82.9	84.1	84.6	85.6	86.4	86.5	87.4	89.4	90.5	91.2	
GE 120	70.2	72.0	77.9	80.6	81.3	83.3	84.6	85.3	86.4	87.1	87.3	88.2	90.1	91.2	91.9	
GE 100	70.4	72.2	78.6	81.5	82.2	84.4	85.8	86.5	87.8	88.7	88.9	89.8	91.7	92.8	93.5	
GE 90	70.4	72.2	78.6	81.7	82.4	84.9	86.4	87.1	88.5	89.4	89.6	90.5	92.5	93.5	94.3	
GE 80	70.6	72.4	79.2	82.6	83.3	85.8	87.4	88.2	89.8	90.7	91.0	91.9	94.1	95.2	95.9	
UF 70	70.6	72.4	79.2	82.6	83.3	85.8	87.4	88.2	90.1	91.2	91.6	92.6	94.8	95.9	96.6	
GE 60	70.6	72.4	79.2	82.6	83.3	85.8	87.4	88.2	90.3	91.4	91.7	93.0	95.2	96.2	96.9	
GE 50	70.6	72.4	79.2	82.6	83.3	85.8	87.6	88.3	90.5	91.7	92.1	93.5	95.7	96.8	97.5	
GE 40	70.6	72.4	79.2	82.6	83.3	85.8	87.6	88.3	90.7	91.9	92.3	93.7	95.9	97.1	97.8	
GE 30	70.6	72.4	79.2	82.6	83.3	85.8	87.6	88.3	90.8	92.1	92.5	93.9	96.9	98.2	98.9	
GE 20	70.6	72.4	79.2	82.6	83.3	85.8	87.6	88.3	90.8	92.1	92.5	93.9	97.1	98.6	99.6	
GE 10	70.6	72.4	79.2	82.6	83.3	85.8	87.6	88.3	90.8	92.1	92.5	93.9	97.1	98.6	100.0	
GE 0	70.6	72.4	79.2	82.6	83.3	85.8	87.6	88.3	90.8	92.1	92.5	93.9	97.1	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 557

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78, 80-86  
MONTH: SEP HOURS: 1500-1600

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	100	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL		38.7	39.0	40.3	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 20000		42.3	42.6	44.5	45.0	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000		42.6	43.0	44.8	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 16000		42.6	43.0	44.8	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000		42.6	43.0	44.8	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 12000		43.4	43.7	45.6	46.1	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 10000		45.6	45.9	47.9	48.5	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 9000		45.9	46.3	48.3	48.8	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 8000		49.7	50.1	52.8	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 7000		51.2	51.5	54.3	54.8	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 6000		52.1	52.5	55.2	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 5000		55.9	56.4	59.7	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4500		57.4	57.9	61.2	61.7	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4000		64.4	65.0	68.2	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 3500		67.0	67.7	71.1	71.7	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3000		71.5	72.8	76.6	77.5	77.7	78.2	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2500		74.8	77.7	82.0	82.9	83.3	83.8	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000		77.3	80.2	86.0	87.5	87.8	88.4	88.6	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800		78.6	81.5	87.3	88.7	89.1	89.7	89.8	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1600		79.3	82.2	89.5	90.9	91.3	92.2	92.4	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1400		79.5	82.4	90.2	91.7	92.0	92.9	93.1	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200		80.2	83.3	91.7	93.3	93.6	94.6	94.9	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000		80.2	83.3	91.7	93.3	93.6	94.6	94.9	94.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900		80.2	83.3	92.0	93.8	94.2	95.1	95.5	95.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800		80.2	83.3	92.2	94.0	94.4	95.3	96.0	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700		80.2	83.3	92.2	94.2	94.6	95.5	96.2	96.2	98.0	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 600		80.2	83.3	92.2	94.2	94.6	95.5	96.2	96.2	98.0	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 500		80.2	83.3	92.2	94.2	94.6	95.5	96.2	96.2	98.0	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 400		80.2	83.3	92.2	94.2	94.6	95.5	96.2	96.2	98.4	99.1	99.1	99.1	99.5	99.5	99.5	99.5
GE 300		80.2	83.3	92.2	94.2	94.6	95.5	96.2	96.2	98.7	99.5	99.5	99.5	99.6	100.0	100.0	100.0
GE 200		80.2	83.3	92.2	94.2	94.6	95.5	96.2	96.2	98.7	99.5	99.5	99.5	99.6	100.0	100.0	100.0
GE 100		80.2	83.3	92.2	94.2	94.6	95.5	96.2	96.2	98.7	99.5	99.5	99.5	99.6	100.0	100.0	100.0
GE 0		80.2	83.3	92.2	94.2	94.6	95.5	96.2	96.2	98.7	99.5	99.5	99.5	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 551

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: SEP HOURS(IST): 1200-1400

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS															
		GE 9C	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	GE 2	GE 1
NO CEIL		41.2	42.0	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 20000		45.1	45.8	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 18000		45.1	45.8	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000		45.1	45.8	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 14000		45.3	46.0	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 12000		45.5	46.2	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000		46.8	47.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 9000		47.8	48.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 8000		51.5	52.2	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 7000		53.2	54.0	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 6000		55.1	55.9	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 5000		58.2	59.0	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4500		58.4	59.2	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 4000		64.0	64.8	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3500		70.0	70.8	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3000		75.6	76.4	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2500		77.9	79.7	83.0	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000		80.3	82.2	86.5	87.0	87.0	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800		80.7	83.0	87.4	88.0	88.0	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1600		82.0	84.3	90.9	92.3	92.3	93.0	93.4	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 1400		82.4	84.7	91.5	93.0	93.0	94.2	94.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200		83.0	85.7	92.8	94.6	94.6	96.1	96.5	96.5	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000		83.0	85.7	92.8	94.8	94.8	96.5	97.1	97.1	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		83.0	85.9	93.2	95.2	95.2	96.9	97.5	97.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 517

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: DO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,81-86  
MONTH: SEP HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN MILES OF METERS															
	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL		40.7	42.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 2000		44.9	46.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 1800		44.9	46.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 1600		44.9	46.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 1400		45.5	46.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 1200		46.6	48.0	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 1000		46.9	48.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 900		47.8	49.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 800		51.7	53.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 700		54.2	55.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 600		54.5	55.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 500		55.6	57.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 450		57.6	59.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 400		62.4	63.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 350		69.4	70.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 300		79.5	81.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 250		82.3	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 200		83.4	85.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 180		83.4	85.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 160		85.4	88.2	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 140		85.4	88.2	96.9	96.9	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 120		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 100		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 90		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 80		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 70		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 60		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 50		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 40		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 30		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 20		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 10		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 0		85.4	88.2	96.9	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS: 356

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,81-83

MONTH: SEP

HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	39.4	39.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 18000	39.4	39.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 16000	39.4	39.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 14000	39.4	39.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	39.4	39.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 10000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 9000	42.3	42.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 8000	52.1	52.1	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 7000	53.5	53.5	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000	54.9	54.9	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 5000	56.3	56.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4500	56.3	56.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4000	59.2	59.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3500	66.2	66.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3000	80.3	80.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	83.1	83.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2000	84.5	84.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	84.5	84.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1600	85.9	87.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1400	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	85.9	87.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: SEP HOURS(IST): ALL

CEILING	VISIBILITY IN HUNDREDS OF METERS															
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	37.1	37.9	39.6	40.1	40.2	40.6	40.7	40.7	40.7	41.0	41.2	41.2	41.3	41.8	42.0	42.3
GE 20000	40.3	41.1	43.2	43.8	43.9	44.3	44.4	44.4	44.4	44.7	44.9	44.9	45.1	45.6	45.8	46.1
GE 18000	40.5	41.3	43.4	44.0	44.2	44.5	44.6	44.7	45.0	45.1	45.1	45.3	45.9	46.0	46.4	46.4
GE 16000	40.5	41.3	43.4	44.0	44.2	44.5	44.6	44.7	45.0	45.1	45.1	45.3	45.9	46.0	46.4	46.4
GE 14000	40.7	41.5	43.6	44.2	44.4	44.7	44.8	44.9	45.1	45.3	45.3	45.5	46.0	46.2	46.6	46.6
GE 12000	41.3	42.1	44.2	44.8	45.0	45.3	45.4	45.5	45.7	45.9	45.9	46.1	46.6	46.8	47.1	47.1
GE 10000	42.6	43.4	45.5	46.2	46.3	46.7	46.8	46.8	47.1	47.3	47.3	47.5	48.1	48.2	48.6	48.6
GE 9000	43.2	44.0	46.3	46.9	47.1	47.4	47.5	47.6	47.8	48.0	48.0	48.2	48.8	49.0	49.3	49.3
GE 8000	47.0	47.8	50.5	51.2	51.3	51.7	51.8	51.9	52.1	52.3	52.3	52.5	53.1	53.3	53.6	53.6
GE 7000	48.7	49.5	52.2	52.9	53.1	53.4	53.5	53.6	53.9	54.0	54.0	54.2	54.8	55.0	55.3	55.3
GE 6000	49.5	50.3	53.1	53.8	54.0	54.3	54.4	54.5	54.7	54.9	54.9	55.1	55.7	55.9	56.2	56.2
GE 5000	52.4	53.3	56.3	57.1	57.2	57.7	57.7	57.8	58.1	58.3	58.3	58.5	59.2	59.3	59.7	59.7
GE 4500	53.5	54.4	57.4	58.2	58.3	58.7	58.8	58.9	59.2	59.4	59.4	59.6	60.3	60.5	60.8	60.8
GE 4000	59.1	60.0	63.1	63.9	64.0	64.6	64.6	64.7	65.0	65.2	65.2	65.4	66.1	66.3	66.6	66.6
GE 3500	63.3	64.3	67.6	68.3	68.5	69.1	69.2	69.3	69.7	69.8	69.9	70.1	70.8	70.9	71.3	71.3
GE 3000	69.6	70.8	74.5	75.5	75.7	76.3	76.6	76.7	77.0	77.2	77.2	77.6	78.3	78.4	78.8	78.8
GE 2500	72.2	74.2	78.4	79.7	79.9	80.7	81.1	81.2	81.6	81.8	81.9	82.2	82.9	83.2	83.5	83.5
GE 2000	74.9	77.0	82.5	84.0	84.2	85.0	85.5	85.6	86.2	86.4	86.4	86.8	87.4	87.8	88.1	88.1
GE 1800	76.0	78.3	84.2	85.7	86.0	86.8	87.2	87.3	88.0	88.2	88.2	88.5	89.2	89.5	89.9	89.9
GE 1500	77.2	79.6	86.7	88.4	88.8	89.9	90.5	90.6	91.3	91.5	91.5	91.9	92.6	92.9	93.2	93.2
GE 1200	77.4	79.9	87.3	89.1	89.4	90.7	91.2	91.5	92.2	92.4	92.5	92.8	93.5	93.8	94.1	94.1
GE 1000	77.8	80.4	88.4	90.4	90.7	92.2	92.5	93.1	94.2	94.5	94.6	94.9	95.6	95.9	96.3	96.3
GE 900	77.8	80.4	88.4	90.5	90.8	92.4	93.1	93.4	94.6	94.9	95.0	95.3	96.0	96.3	96.6	96.6
GE 800	77.8	80.5	88.7	91.0	91.3	92.9	93.7	93.9	95.3	95.6	95.8	96.1	96.8	97.1	97.4	97.4
GE 700	77.8	80.5	88.7	91.0	91.4	93.0	93.5	94.1	95.8	96.1	96.3	96.7	97.4	97.8	98.1	98.1
GE 600	77.8	80.5	88.7	91.0	91.4	93.0	93.5	94.2	95.9	96.4	96.7	97.2	97.9	98.3	98.6	98.6
GE 500	77.8	80.5	88.7	91.0	91.5	93.1	94.0	94.3	96.2	96.7	96.9	97.5	98.3	98.6	98.9	98.9
GE 400	77.8	80.5	88.7	91.0	91.5	93.1	94.0	94.3	96.3	96.9	97.1	97.7	98.5	98.9	99.2	99.2
GE 300	77.8	80.5	88.7	91.0	91.5	93.1	94.0	94.3	96.5	97.0	97.3	97.9	98.9	99.3	99.6	99.6
GE 200	77.8	80.5	88.7	91.0	91.5	93.1	94.0	94.3	96.5	97.0	97.3	97.9	99.0	99.4	99.8	99.8
GE 100	77.8	80.5	88.7	91.0	91.5	93.1	94.0	94.3	96.5	97.0	97.3	97.9	99.0	99.4	100.0	100.0
GE 0	77.8	80.5	88.7	91.0	91.5	93.1	94.0	94.3	96.5	97.0	97.3	97.9	99.0	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2189

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 84  
MONTH: OCT HOURS (LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	6T	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1



GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78-80-86  
MONTH: OCT HOUR: 01:00-04:00

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	160	GE 90	GE 90	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL		36.1	36.4	37.0	38.5	36.5	38.8	39.2	39.7	39.9	40.3	40.7	40.7	42.1	43.0
GE 20000		38.1	38.5	39.0	40.5	40.5	40.8	41.2	41.8	41.9	42.3	42.7	42.7	44.1	45.1
GE 18000		38.8	39.2	39.7	41.2	41.2	41.6	41.9	42.5	42.7	43.0	43.4	43.4	44.9	45.8
GE 16000		39.0	39.4	39.9	41.4	41.4	41.8	42.1	42.7	42.9	43.2	43.6	43.6	45.1	46.0
GE 14000		39.0	39.4	39.9	41.4	41.4	41.8	42.1	42.7	42.9	43.2	43.6	43.6	45.1	46.0
GE 12000		39.0	39.4	39.9	41.4	41.4	41.8	42.1	42.7	42.9	43.2	43.6	43.6	45.1	46.0
GE 10000		40.1	40.5	41.0	42.5	42.5	42.9	43.2	43.8	44.0	44.3	44.7	44.7	46.2	47.1
GE 9000		40.7	41.0	41.6	43.0	43.0	43.4	43.8	44.3	44.5	44.9	45.2	45.2	46.7	47.6
GE 8000		43.4	43.8	44.3	45.8	45.8	46.2	46.5	47.1	47.4	47.8	48.2	48.2	49.6	50.5
GE 7000		45.2	45.6	46.2	47.6	47.6	48.0	48.4	48.9	49.3	49.6	50.0	50.0	51.5	52.4
GE 6000		45.6	46.0	46.5	48.0	48.0	48.4	48.7	49.3	49.6	50.0	50.4	50.4	51.8	52.7
GE 5000		47.6	48.0	48.5	50.0	50.0	50.4	50.7	51.3	51.6	52.0	52.4	52.4	53.8	54.8
GE 4500		49.1	49.5	50.0	51.5	51.5	51.8	52.2	52.7	53.1	53.5	53.8	53.8	55.3	56.2
GE 4000		52.2	52.7	53.3	54.8	54.8	55.1	55.5	56.0	56.4	56.8	57.1	57.1	58.6	59.5
GE 3500		57.1	57.9	58.4	59.9	59.9	60.3	60.6	61.2	61.5	61.9	62.3	62.3	63.7	64.7
GE 3000		60.3	61.2	61.9	63.4	63.4	63.7	64.1	64.7	65.0	65.4	65.8	65.8	67.2	68.1
GE 2500		63.0	64.5	65.2	66.7	66.7	67.0	67.4	67.9	68.3	68.7	69.0	69.0	70.5	71.4
GE 2000		64.3	66.7	68.3	69.8	69.8	70.1	70.5	71.1	71.6	72.0	72.3	72.3	73.8	74.7
GE 1800		64.6	67.4	69.0	70.7	70.7	71.2	71.6	72.2	72.9	73.3	73.6	73.6	75.1	76.0
GE 1600		67.0	69.8	72.0	73.8	74.0	75.5	75.8	76.4	77.1	77.5	77.8	78.0	79.5	80.4
GE 1400		67.8	70.7	73.4	75.6	75.8	77.3	77.7	78.2	79.1	79.5	79.9	80.0	81.5	82.4
GE 1200		67.9	70.9	73.8	76.4	76.6	78.6	78.6	79.5	80.4	81.5	81.9	82.1	83.5	84.6
GE 1000		67.9	70.9	73.8	76.4	76.6	78.6	78.6	79.5	80.4	81.5	81.9	82.1	83.5	84.6
GE 900		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 800		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 700		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 600		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 500		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 400		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 300		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 200		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 100		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6
GE 0		68.3	71.2	74.2	76.9	77.1	79.1	79.1	80.2	81.1	82.2	83.7	84.1	85.5	86.6

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: OCT HOURS(1ST): 0500-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	25
NO CEIL	43.7	43.7	44.9	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6
GE 20000	47.7	47.7	48.9	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6
GE 18000	47.9	47.9	49.0	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8
GE 16000	48.3	48.3	49.4	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	48.9	48.9	50.0	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	49.4	49.4	50.6	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	49.8	49.8	51.0	51.3	51.3	51.5	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	50.2	50.2	51.3	51.7	51.7	51.9	52.1	52.1	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3
GE 8000	54.0	54.0	55.1	55.5	55.5	55.7	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	55.9	55.9	57.0	57.4	57.4	57.6	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0
GE 6000	56.7	56.7	57.8	58.2	58.2	58.4	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
GE 5000	58.2	58.2	59.3	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3
GE 4500	59.1	59.1	60.3	60.6	60.6	60.8	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2
GE 4000	61.0	61.0	62.2	62.5	62.5	62.7	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1
GE 3500	66.0	66.0	67.3	67.7	67.7	67.9	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3
GE 3000	69.0	69.2	70.5	70.9	70.9	71.1	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5
GE 2500	71.1	72.1	73.4	73.8	73.8	74.0	74.1	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9
GE 2000	72.4	73.4	75.1	75.5	75.5	75.7	76.0	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8
GE 1800	73.6	74.5	76.8	77.6	77.6	77.9	78.3	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1
GE 1600	75.9	77.2	80.2	81.6	82.3	82.9	83.8	84.4	85.0	85.0	85.2	85.2	85.2	85.6	85.6	85.6
GE 1400	75.9	77.2	81.2	82.5	83.3	83.8	84.8	85.4	85.9	86.1	86.1	86.1	86.1	86.5	86.5	86.5
GE 1200	76.0	77.4	81.6	83.1	84.0	85.0	86.1	86.7	87.8	88.2	88.2	88.2	88.2	88.8	88.8	88.8
GE 1000	76.0	77.4	81.9	83.5	84.4	85.4	86.5	87.3	88.6	89.4	89.4	89.4	89.4	89.9	89.9	89.9
GE 900	76.0	77.4	81.9	83.5	84.4	85.6	86.7	87.6	89.5	90.7	90.7	90.7	90.7	91.4	91.4	91.4
GE 800	76.0	77.4	81.9	83.5	84.4	85.6	86.7	87.6	89.9	91.1	91.1	91.1	91.1	91.8	91.8	91.8
GE 700	76.0	77.4	81.9	83.5	84.4	85.7	86.9	87.8	90.5	92.0	92.0	92.0	92.0	92.8	92.8	92.8
GE 600	76.0	77.4	81.9	84.0	85.2	86.5	87.8	88.8	92.8	94.3	94.5	95.4	96.2	96.2	96.2	96.2
GE 500	76.0	77.4	81.9	84.2	85.4	87.1	88.4	89.4	93.3	94.9	95.1	96.0	97.9	98.5	98.7	98.7
GE 400	76.0	77.4	81.9	84.2	85.4	87.1	88.4	89.4	93.3	94.9	95.1	96.0	98.1	99.0	99.4	99.4
GE 300	76.0	77.4	81.9	84.2	85.4	87.1	88.4	89.4	93.3	94.9	95.1	96.0	98.3	99.2	100.0	100.0
GE 200	76.0	77.4	81.9	84.2	85.4	87.1	88.4	89.4	93.3	94.9	95.1	96.0	98.3	99.2	100.0	100.0
GE 100	76.0	77.4	81.9	84.2	85.4	87.1	88.4	89.4	93.3	94.9	95.1	96.0	98.3	99.2	100.0	100.0
CE 0	76.0	77.4	81.9	84.2	85.4	87.1	88.4	89.4	93.3	94.9	95.1	96.0	98.3	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 526

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: OCT HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	C
NO CEIL	1	47.9	48.1	48.2	48.4	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000		50.4	50.6	50.8	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000		51.2	51.4	51.6	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000		51.2	51.4	51.6	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000		51.6	51.8	51.9	52.1	52.1	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 12000		52.1	52.3	52.5	52.7	52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000		53.9	54.1	54.3	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000		55.3	55.4	55.6	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000		58.4	58.6	58.8	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 7000		59.3	59.5	59.7	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 6000		61.5	61.7	61.9	62.1	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 5000		62.6	62.8	63.0	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500		63.0	63.2	63.4	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4000		66.1	66.3	66.5	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 3500		70.8	71.0	71.2	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3000		74.3	74.5	74.7	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500		77.0	77.2	77.4	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2000		79.0	79.4	80.2	80.5	80.5	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800		79.4	80.0	81.3	81.7	81.7	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1600		81.5	82.5	86.0	86.6	86.6	86.6	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200		82.1	83.1	87.2	88.1	88.1	88.1	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000		82.1	83.1	87.2	88.3	88.5	88.5	88.7	89.5	90.1	90.7	90.7	90.7	90.7	90.7	90.7
GE 900		82.1	83.1	87.4	88.7	88.9	88.9	89.5	90.5	91.1	91.6	91.6	91.6	91.6	91.6	91.6
GE 800		82.3	83.3	87.5	89.5	89.7	89.9	90.5	91.4	92.6	93.2	93.2	93.2	93.2	93.2	93.2
GE 700		82.3	83.5	87.7	89.7	89.9	90.7	91.4	92.4	93.8	94.4	94.4	94.4	94.4	94.4	94.4
GE 600		82.3	83.5	87.7	89.9	90.1	90.9	91.6	92.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1
GE 500		82.3	83.5	87.7	90.7	91.1	91.8	92.8	94.6	97.1	97.9	97.9	97.9	98.8	98.8	98.8
GE 400		82.3	83.5	88.1	91.1	91.4	92.2	93.2	94.6	97.9	98.6	98.6	98.6	99.8	99.8	99.8
GE 300		82.3	83.5	88.1	91.1	91.4	92.2	93.2	94.6	98.1	98.8	98.8	98.8	100.0	100.0	100.0
GE 200		82.3	83.5	88.1	91.1	91.4	92.2	93.2	94.6	98.1	98.8	98.8	98.8	100.0	100.0	100.0
GE 100		82.3	83.5	88.1	91.1	91.4	92.2	93.2	94.6	98.1	98.8	98.8	98.8	100.0	100.0	100.0
GE C		82.3	83.5	88.1	91.1	91.4	92.2	93.2	94.6	98.1	98.8	98.8	98.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 514

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,81-86

MONTH: OCT HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	46.7	47.0	48.3	48.6	48.6	48.6	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 20000	51.4	52.5	53.0	53.3	53.3	53.3	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	51.7	52.8	53.3	53.5	53.5	53.5	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	51.7	52.8	53.3	53.5	53.5	53.5	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	51.7	52.8	53.3	53.5	53.5	53.5	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 12000	52.0	53.0	53.5	53.8	53.8	53.8	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	53.5	54.6	55.1	55.4	55.4	55.4	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 9000	55.9	57.0	57.5	57.7	57.7	57.7	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	58.5	59.6	60.1	60.4	60.4	60.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 7000	62.2	63.3	63.8	64.0	64.0	64.0	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	63.0	64.0	64.6	64.8	64.8	64.8	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000	65.6	66.7	67.2	67.5	67.5	67.5	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4500	66.4	67.5	68.0	68.2	68.2	68.2	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	70.1	71.1	71.7	71.9	71.9	71.9	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	71.7	72.7	73.2	73.5	73.5	73.5	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000	76.1	77.2	78.0	78.2	78.2	78.2	78.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500	79.0	80.1	81.1	81.4	81.4	81.4	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	80.8	82.2	84.0	84.5	84.5	84.5	85.0	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	81.1	82.4	84.5	85.3	85.3	85.3	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1600	81.6	82.9	84.1	87.4	87.4	87.4	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	82.4	84.0	87.9	90.0	90.0	90.0	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	82.4	84.0	87.9	90.0	90.0	90.0	90.8	91.1	91.9	92.1	92.4	92.7	92.7	92.7	92.7
GE 900	82.9	84.5	88.5	91.1	91.1	91.1	91.9	92.4	92.9	93.2	93.4	93.7	93.7	93.7	93.7
GE 800	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.4	94.2	94.8	95.0	95.3	95.3	95.3	95.3
GE 700	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.4	95.0	95.5	95.8	96.1	96.1	96.1	96.1
GE 600	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.7	94.2	96.1	96.6	96.9	97.1	97.6	97.6
GE 500	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.7	94.2	97.1	97.6	97.9	98.7	99.2	99.2
GE 400	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.7	94.2	97.4	97.9	98.2	99.0	99.5	99.5
GE 300	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.7	94.2	97.9	98.4	98.7	99.5	100.0	100.0
GE 200	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.7	94.2	97.9	98.4	98.7	99.5	100.0	100.0
GE 100	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.7	94.2	97.9	98.4	98.7	99.5	100.0	100.0
GE 0	83.2	85.0	89.2	91.9	92.1	92.1	92.9	93.7	94.2	97.9	98.4	98.7	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 381

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKK AAF GERMANY

PERIOD OF RECORD: 77-78,81-84  
MONTH: OCT FOUR-SILS: 1900-2000

CEILING IN FEET	1 160	GE 90	GE 80	GE 60	GE 40	GE 30	VISIBILITY IN HUNDREDS OF METERS										GE 4	GE C
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C		
NO CEIL		40.0	43.3	41.1	41.1	41.1	41.1	41.1	41.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3		
GE 20000	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6		
GE 18000	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6		
GE 16000	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6		
GE 14000	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6		
GE 12000	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6		
GE 10000	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6		
GE 9000	44.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8		
GE 8000	47.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1		
GE 7000	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2		
GE 6000	48.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2		
GE 5000	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8		
GE 4500	56.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0		
GE 4000	60.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3		
GE 3500	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6		
GE 3000	67.8	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2		
GE 2500	72.2	73.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8		
GE 2000	72.2	73.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0		
GE 1800	73.3	74.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1		
GE 1600	74.4	75.6	80.0	81.1	81.1	81.1	81.1	81.1	81.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4		
GE 1400	74.4	75.6	81.1	82.2	83.3	84.4	84.4	84.4	84.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8		
GE 1000	74.4	75.6	81.1	82.2	83.3	84.4	84.4	85.6	86.7	88.9	88.9	88.9	90.0	90.0	90.0	90.0		
GE 900	74.4	76.7	82.2	83.3	84.4	85.6	85.6	86.7	87.8	90.0	90.0	90.0	91.1	91.1	91.1	91.1		
GE 800	74.4	76.7	82.2	83.3	84.4	85.6	86.7	87.8	88.9	91.1	91.1	91.1	92.2	92.2	92.2	92.2		
GE 700	74.4	76.7	82.2	83.3	84.4	85.6	86.7	87.8	88.9	93.3	93.3	93.3	94.4	94.4	94.4	94.4		
GE 600	74.4	76.7	82.2	83.3	84.4	85.6	86.7	87.8	88.9	93.3	93.3	93.3	94.4	94.4	94.4	94.4		
GE 500	75.6	77.8	83.3	84.4	86.7	87.8	88.9	90.0	90.0	96.7	96.7	96.7	97.8	97.8	97.8	97.8		
GE 400	75.6	77.8	83.3	84.4	86.7	87.8	88.9	90.0	90.0	96.7	96.7	96.7	97.8	97.8	97.8	97.8		
GE 300	75.6	77.8	83.3	84.4	86.7	87.8	88.9	90.0	90.0	96.7	96.7	96.7	97.8	97.8	97.8	97.8		
GE 200	75.6	77.8	83.3	84.4	86.7	87.8	88.9	90.0	90.0	96.7	96.7	96.7	97.8	97.8	97.8	97.8		
GE 100	75.6	77.8	83.3	84.4	86.7	87.8	88.9	90.0	90.0	96.7	96.7	96.7	97.8	97.8	97.8	97.8		
GE C		75.6	77.8	83.3	84.4	86.7	87.8	88.9	90.0	96.7	96.7	96.7	97.8	97.8	97.8	97.8		

TOTAL NUMBER OF OBSERVATIONS: 90

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86

MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	25
NO CEIL		43.1	43.5	44.1	44.7	44.7	44.8	45.0	45.3	45.4	45.6	45.7	45.7	46.1	46.3	46.7
GE 2000		46.3	46.7	47.3	47.9	47.9	48.0	48.2	48.4	48.6	48.7	48.8	48.8	49.2	49.5	49.9
GE 1800		46.8	47.2	47.8	48.3	48.3	48.5	48.7	48.9	49.1	49.2	49.3	49.3	49.7	50.0	50.3
GE 1600		46.9	47.3	47.9	48.5	48.5	48.6	48.8	49.1	49.2	49.4	49.5	49.5	49.9	50.1	50.5
GE 1400		47.2	47.6	48.2	48.7	48.7	48.9	49.1	49.3	49.5	49.6	49.7	49.7	50.1	50.3	50.7
GE 1200		47.5	47.9	48.5	49.1	49.1	49.2	49.4	49.7	49.8	50.0	50.0	50.0	50.4	50.7	51.1
GE 1000		48.6	49.0	49.6	50.2	50.2	50.3	50.6	50.8	51.0	51.1	51.2	51.2	51.6	51.8	52.2
GE 900		49.8	50.1	50.7	51.3	51.3	51.5	51.7	51.9	52.1	52.2	52.3	52.3	52.7	53.0	53.4
GE 800		52.9	53.3	53.8	54.4	54.4	54.6	54.8	55.1	55.2	55.4	55.5	55.5	55.9	56.1	56.5
GE 700		54.8	55.2	55.8	56.4	56.4	56.5	56.8	57.0	57.2	57.3	57.4	57.4	57.8	58.1	58.5
GE 600		55.8	56.2	56.8	57.3	57.3	57.5	57.7	58.0	58.2	58.3	58.4	58.4	58.8	59.0	59.4
GE 500		57.7	58.1	58.7	59.3	59.3	59.4	59.7	59.9	60.1	60.3	60.3	60.3	60.7	61.0	61.4
GE 450		58.7	59.1	59.7	60.3	60.3	60.4	60.6	60.9	61.1	61.2	61.3	61.3	61.7	62.0	62.3
GE 400		61.6	62.1	62.6	63.2	63.2	63.4	63.6	63.8	64.0	64.2	64.3	64.3	64.7	64.9	65.3
GE 350		65.7	66.2	66.9	67.5	67.5	67.6	67.9	68.1	68.3	68.5	68.6	68.6	69.0	69.2	69.6
GE 300		69.3	69.9	70.7	71.3	71.3	71.5	71.7	72.2	72.4	72.5	72.6	72.6	73.0	73.3	73.7
GE 250		72.6	72.9	73.8	74.4	74.4	74.6	74.8	75.3	75.5	75.7	75.8	75.8	76.1	76.4	76.8
GE 200		73.5	74.7	76.3	77.0	77.0	77.1	77.4	77.8	78.2	78.3	78.4	78.4	78.8	79.1	79.4
GE 150		74.1	75.5	77.4	78.2	78.3	78.5	78.8	79.2	79.6	79.7	79.8	79.8	80.2	80.5	80.9
GE 100		75.9	77.4	80.6	81.8	82.1	82.6	83.0	83.5	84.1	84.2	84.3	84.4	84.8	85.1	85.5
GE 120		76.4	78.1	81.9	83.5	83.8	84.4	84.8	85.3	85.9	86.0	86.1	86.2	86.6	86.9	87.3
GE 100		76.5	78.2	82.1	83.5	84.3	85.1	85.7	86.3	87.2	87.8	87.9	88.1	88.6	88.9	89.3
GE 900		76.6	78.4	82.4	84.3	84.7	85.5	86.2	87.0	87.9	88.8	89.0	89.1	89.7	89.9	90.4
GE 800		76.8	78.6	82.7	84.8	85.3	86.2	86.9	87.7	88.0	89.0	90.1	90.3	90.5	91.1	91.8
GE 700		76.8	78.7	82.7	84.8	85.3	86.4	87.2	88.1	89.7	90.8	91.0	91.3	91.8	92.1	92.5
GE 600		76.8	78.7	82.7	84.9	85.4	86.6	87.6	88.4	90.5	91.7	91.9	92.2	93.0	93.3	93.7
GE 500		76.9	78.7	82.8	85.3	85.9	87.1	88.1	89.0	92.2	93.6	94.0	94.8	95.7	96.0	96.5
GE 400		76.9	78.7	82.8	85.4	86.0	87.4	88.4	89.4	92.8	94.3	94.6	95.4	96.9	97.6	98.3
GE 300		76.9	78.7	82.8	85.4	86.0	87.4	88.4	89.4	93.0	94.5	94.8	95.7	97.3	98.3	99.1
GE 200		76.9	78.7	82.8	85.4	86.0	87.4	88.4	89.4	93.0	94.5	94.8	95.7	97.6	98.8	100.0
GE 100		76.9	78.7	82.8	85.4	86.0	87.4	88.4	89.4	93.0	94.5	94.8	95.7	97.6	98.8	100.0
GE 0		76.9	78.7	82.8	85.4	86.0	87.4	88.4	89.4	93.0	94.5	94.8	95.7	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2058

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85

MONTH: NOV HOURS(LST): 0800-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	15	20	25	30	40
NO CEIL		75.7	35.9	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.7	36.7	36.7	37.9	37.9	37.9
GE 20000	79.8	40.0	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.8	42.0	42.0	42.0
GE 18000	79.8	40.0	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.8	42.0	42.0	42.0
GE 16000	79.8	40.0	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.8	42.0	42.0	42.0
GE 14000	40.2	40.4	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.8	41.2	42.4	42.4
GE 12000	40.8	41.0	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.8	41.8	41.8	43.0	43.0	43.0
GE 10000	41.2	41.4	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2	43.4	43.4	43.4
GE 9000	42.0	42.2	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	43.0	43.0	43.0	44.1	44.1	44.1
GE 8000	45.7	45.9	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.7	47.9	47.9	47.9
GE 7000	47.7	48.0	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	50.2	50.2	50.2
GE 6000	47.7	48.0	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	50.2	50.2	50.2
GE 5000	48.8	49.2	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.2	50.2	51.4	51.4	51.4
GE 4500	49.4	49.8	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	50.8	52.0	52.0	52.0
GE 4000	51.4	52.1	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1	54.3	54.3	54.3
GE 3500	53.9	54.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.7	55.7	55.7	56.8	56.8	56.8
GE 3000	54.7	55.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8	56.8	58.0	58.0	58.0
GE 2500	59.2	59.8	61.3	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.5	63.7	63.7	63.7
GE 2000	60.0	61.1	63.9	64.6	64.8	65.0	65.4	65.8	65.8	65.8	66.0	66.0	66.0	67.2	67.2	67.2
GE 1800	60.5	61.7	65.6	66.8	67.0	67.2	67.6	68.0	68.2	68.4	68.4	68.4	68.4	69.5	69.5	69.5
GE 1600	61.3	62.7	68.2	69.5	69.7	70.1	70.5	71.3	71.5	71.7	71.7	71.7	71.7	72.9	72.9	72.9
GE 1400	61.5	62.9	68.6	69.9	70.5	71.7	72.3	73.8	74.4	74.6	74.6	74.6	74.6	75.8	75.8	75.8
GE 1200	61.5	62.9	69.5	71.5	72.9	75.0	76.4	78.5	80.9	81.4	81.4	81.4	81.4	82.8	82.8	82.8
GE 1000	61.5	62.9	69.5	71.5	73.4	75.6	77.0	79.1	81.4	82.2	82.2	82.2	82.2	83.6	83.6	83.6
GE 900	61.5	62.9	69.7	71.7	73.6	76.6	77.9	80.1	82.4	83.2	83.2	83.2	83.2	84.6	84.6	84.6
GE 800	61.5	62.9	69.9	72.1	74.0	77.1	78.4	81.1	83.8	84.8	84.8	84.8	84.8	86.3	86.3	86.3
GE 700	61.5	63.1	70.1	72.5	74.4	77.7	79.9	82.0	85.2	86.1	86.3	86.3	86.3	88.1	88.1	88.1
GE 600	61.9	63.5	70.5	72.9	74.8	78.3	80.7	83.4	87.7	89.1	89.5	89.5	89.5	91.8	91.8	91.8
GE 500	61.9	63.5	70.5	72.9	74.8	78.3	81.1	83.8	88.7	90.0	90.8	91.6	91.6	93.9	93.9	93.9
GE 400	61.9	63.5	70.5	72.9	74.8	78.3	81.2	84.0	88.9	90.4	91.2	92.0	92.0	95.7	95.9	97.5
GE 300	61.9	63.5	70.5	72.9	74.8	78.3	81.2	84.0	89.1	90.6	91.4	92.4	92.4	96.5	96.7	99.0
GE 200	61.9	63.5	70.5	72.9	74.8	78.3	81.2	84.0	89.1	90.6	91.4	92.4	92.4	96.9	97.3	100.0
GE 100	61.9	63.5	70.5	72.9	74.8	78.3	81.2	84.0	89.1	90.6	91.4	92.4	92.4	96.9	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 512

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: NOV HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		34.6	34.6	25.2	35.4	25.4	35.4	35.4	35.6	35.8	35.8	35.8	35.8	36.2	36.2	36.4
GE 20000		40.0	40.2	40.8	41.0	41.0	41.2	41.2	41.6	41.9	41.9	41.9	41.9	42.3	42.3	42.5
GE 18000		40.0	40.2	40.8	41.0	41.0	41.2	41.2	41.6	41.9	41.9	41.9	41.9	42.3	42.3	42.5
GE 16000		40.0	40.2	40.8	41.0	41.0	41.2	41.2	41.6	41.9	41.9	41.9	41.9	42.3	42.3	42.5
GE 14000		41.0	41.2	41.9	42.1	42.1	42.3	42.3	42.7	42.9	42.9	42.9	42.9	43.3	43.3	43.5
GE 12000		41.6	41.9	42.5	42.7	42.7	42.9	42.9	43.3	43.5	43.5	43.5	43.5	43.9	43.9	44.1
GE 10000		43.5	43.7	44.3	44.5	44.5	44.7	44.7	45.1	45.3	45.3	45.3	45.3	45.7	45.7	45.9
GE 9000		43.7	43.9	44.5	44.7	44.7	44.9	44.9	45.3	45.5	45.5	45.5	45.5	45.9	45.9	46.1
GE 8000		47.7	47.9	48.5	48.7	48.7	48.9	48.9	49.3	49.5	49.5	49.5	49.5	49.9	49.9	50.1
GE 7000		51.1	51.9	52.7	52.9	52.9	53.1	53.1	53.5	53.7	53.7	53.7	53.7	54.1	54.1	54.3
GE 6000		51.5	52.3	53.1	53.3	53.3	53.5	53.5	53.9	54.1	54.1	54.1	54.1	54.5	54.5	54.7
GE 5000		52.7	53.5	54.3	54.5	54.5	54.7	54.7	55.1	55.3	55.3	55.3	55.3	55.7	55.7	55.9
GE 4000		53.7	54.5	55.3	55.5	55.5	55.7	55.7	56.1	56.3	56.3	56.3	56.3	56.7	56.7	56.9
GE 3000		56.5	57.3	58.1	58.4	58.4	58.6	58.6	59.0	59.2	59.2	59.2	59.2	59.6	59.6	59.8
GE 2000		59.4	60.2	61.0	61.8	61.8	62.0	62.0	62.4	62.6	62.6	62.6	62.6	63.0	63.0	63.2
GE 1000		61.0	61.8	62.6	63.8	63.8	64.0	64.2	64.8	65.0	65.0	65.0	65.0	65.4	65.4	65.6
GE 2500		63.2	64.0	65.0	66.2	66.2	66.4	66.6	67.2	67.4	67.4	67.4	67.4	67.8	67.8	68.0
GE 2000		64.0	65.0	66.2	67.8	67.8	68.0	68.2	69.0	69.2	69.2	69.2	69.2	70.0	70.0	70.6
GE 1800		65.4	67.2	71.2	71.8	72.2	72.4	72.6	73.2	73.4	73.4	73.4	73.4	73.8	73.8	74.0
GE 1600		66.0	68.6	74.6	76.1	76.5	77.3	77.5	78.3	78.5	78.5	78.5	78.5	78.9	78.9	79.1
GE 1400		66.2	68.6	75.1	76.5	76.9	78.5	79.3	80.3	80.7	80.7	80.7	80.7	81.1	81.1	81.3
GE 1200		66.6	69.2	76.1	77.5	77.9	79.5	81.1	83.7	84.7	84.9	84.9	84.9	85.3	85.3	85.5
GE 1000		66.8	69.4	76.3	77.9	78.7	80.5	82.1	84.7	85.9	86.1	86.1	86.1	86.5	86.5	86.7
GE 900		66.8	69.8	76.7	78.3	79.1	81.9	83.5	86.1	87.3	87.3	87.3	87.3	87.7	87.7	87.9
GE 800		66.8	69.8	76.7	78.3	79.1	81.9	83.5	86.1	87.3	87.3	87.3	87.3	87.7	87.7	87.9
GE 700		66.8	69.8	76.7	78.3	79.1	81.9	83.5	86.1	87.3	87.3	87.3	87.3	87.7	87.7	87.9
GE 600		66.8	70.0	77.1	78.7	79.5	82.5	84.7	87.3	89.1	90.1	90.1	90.1	90.5	90.5	90.7
GE 500		66.8	70.0	77.1	78.7	79.5	82.5	84.7	87.3	89.1	90.1	90.1	90.1	90.5	90.5	90.7
GE 400		66.8	70.0	77.1	78.7	79.5	82.5	84.7	87.3	89.1	90.1	90.1	90.1	90.5	90.5	90.7
GE 300		66.8	70.0	77.1	78.7	79.5	82.5	84.7	87.3	89.1	90.1	90.1	90.1	90.5	90.5	90.7
GE 200		66.8	70.0	77.1	78.7	79.5	82.5	84.7	87.3	89.1	90.1	90.1	90.1	90.5	90.5	90.7
GE 100		66.8	70.0	77.1	78.7	79.5	82.5	84.7	87.3	89.1	90.1	90.1	90.1	90.5	90.5	90.7
GE C		66.8	70.0	77.1	78.7	79.5	82.5	84.7	87.3	89.1	90.1	90.1	90.1	90.5	90.5	90.7

TOTAL NUMBER OF OBSERVATIONS: 497



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BG BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: NOV HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 40	GE 80	GE 160	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	34.3	35.1	36.6	36.8	37.0	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 20000	39.6	40.7	42.1	42.3	42.5	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 18000	40.2	41.3	42.7	42.9	43.1	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 16000	40.2	41.3	42.7	42.9	43.1	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 14000	40.5	41.5	42.9	43.1	43.3	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 12000	42.1	43.1	44.6	44.8	45.0	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 10000	42.7	43.7	45.2	45.4	45.6	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 9000	42.9	43.9	45.4	45.6	45.8	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 8000	46.6	47.6	49.1	49.3	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 7000	49.7	51.1	52.6	52.8	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 6000	50.1	51.5	53.0	53.2	53.4	53.6	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	51.1	52.6	54.0	54.2	54.4	54.6	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4500	51.7	53.2	54.6	54.8	55.0	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 4000	54.6	56.1	57.5	57.7	58.0	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 3500	56.5	58.1	59.5	59.8	60.0	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3000	59.8	61.0	62.4	62.6	62.8	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 2500	61.8	63.1	64.5	64.7	65.0	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 2000	63.9	65.3	66.7	66.9	67.2	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 1800	64.5	65.9	67.3	67.5	67.8	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 1600	66.7	68.1	69.5	69.7	70.0	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1400	67.6	69.0	70.4	70.6	70.8	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1200	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 1000	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 900	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 800	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 700	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 600	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 500	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 400	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 300	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 200	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 100	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 0	67.6	70.6	72.0	72.2	72.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0

TOTAL NUMBER OF OBSERVATIONS: 487

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUPEER: 1C9711 STATION NAME: BQ BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85

MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	32.2	32.5	33.8	34.0	34.0	34.0	34.0	34.5	34.5	34.5	34.5	34.8	35.0	35.0	35.0
GE 20000	27.6	37.8	39.1	39.3	39.3	39.3	39.3	39.8	39.8	39.8	39.8	40.1	40.4	40.4	40.4
GE 18000	27.6	37.8	39.1	39.3	39.3	39.3	39.3	39.8	39.8	39.8	39.8	40.1	40.4	40.4	40.4
GE 16000	27.6	37.8	39.1	39.3	39.3	39.3	39.3	39.8	39.8	39.8	39.8	40.1	40.4	40.4	40.4
GE 14000	27.8	38.1	39.3	39.6	39.6	39.6	40.1	40.1	40.1	40.1	40.1	40.4	40.6	40.6	40.6
GE 12000	29.8	40.1	41.4	41.6	41.6	41.6	42.1	42.1	42.1	42.1	42.1	42.4	42.6	42.6	42.6
GE 10000	40.6	40.9	42.1	42.4	42.4	42.4	42.9	42.9	42.9	42.9	42.9	43.1	43.4	43.4	43.4
GE 9000	41.9	42.1	43.4	43.7	43.7	43.7	44.2	44.2	44.2	44.2	44.2	44.4	44.7	44.7	44.7
GE 8000	44.4	44.7	45.9	46.2	46.2	46.2	46.7	46.7	46.7	46.7	46.7	47.0	47.2	47.2	47.2
GE 7000	47.0	47.2	48.5	48.7	48.7	48.7	49.2	49.2	49.2	49.2	49.2	49.5	49.7	49.7	49.7
GE 6000	47.0	47.2	48.5	48.7	48.7	48.7	49.2	49.2	49.2	49.2	49.2	49.5	49.7	49.7	49.7
GE 5000	48.2	48.5	49.7	50.0	50.0	50.0	50.5	50.5	50.5	50.5	50.5	50.8	51.0	51.0	51.0
GE 4500	49.5	49.7	51.0	51.3	51.3	51.3	51.8	51.8	51.8	51.8	51.8	52.0	52.3	52.3	52.3
GE 4000	50.5	50.8	52.0	52.3	52.3	52.3	52.8	52.8	52.8	52.8	52.8	53.0	53.3	53.3	53.3
GE 3500	53.6	53.8	55.1	55.3	55.3	55.3	55.8	55.8	55.8	55.8	55.8	56.1	56.3	56.3	56.3
GE 3000	56.3	56.6	59.6	59.9	59.9	59.9	60.4	61.4	61.4	61.4	61.4	61.7	61.9	61.9	61.9
GE 2500	62.2	62.4	65.5	65.7	65.7	65.7	66.2	67.3	67.3	67.3	67.3	67.5	67.8	67.8	67.8
GE 2000	64.5	65.5	69.5	70.6	70.6	70.6	71.1	72.3	72.3	72.3	72.3	72.6	72.8	72.8	72.8
GE 1800	65.7	66.8	71.6	73.1	73.1	73.1	73.6	75.1	75.1	75.1	75.1	75.4	75.6	75.6	75.6
GE 1500	67.8	69.8	75.4	77.7	77.7	77.7	78.2	80.5	80.5	81.2	81.2	81.5	81.7	81.7	81.7
GE 1000	68.5	70.8	77.9	80.2	80.2	80.2	81.7	84.8	84.8	85.8	85.8	86.0	86.3	86.3	86.3
GE 900	68.5	70.8	78.7	81.0	81.5	81.5	83.5	86.8	86.8	88.6	88.6	88.8	89.1	89.1	89.1
GE 800	68.5	70.8	78.7	81.0	81.5	81.5	83.5	87.1	87.1	89.1	89.1	89.3	89.6	89.6	89.6
GE 700	69.0	71.3	80.2	82.7	83.2	83.2	85.8	89.3	89.3	91.6	91.6	91.9	92.1	92.1	92.1
GE 600	69.0	71.3	80.2	82.7	83.2	83.2	86.0	89.6	89.6	91.9	92.1	92.4	92.6	93.4	93.7
GE 500	69.0	71.3	80.5	83.0	83.8	83.8	86.5	90.4	90.4	92.9	93.4	93.7	93.9	94.7	94.9
GE 400	69.0	71.3	80.5	83.2	84.0	84.0	87.1	91.1	91.1	94.7	94.7	95.7	96.2	97.2	97.5
GE 300	69.0	71.3	80.5	83.2	84.0	84.0	87.1	91.4	92.1	95.7	96.7	97.0	97.7	98.7	99.0
GE 200	69.0	71.3	80.5	83.2	84.0	84.0	87.1	91.4	92.1	96.4	97.5	97.7	98.5	99.5	100.0
GE 100	69.0	71.3	80.5	83.2	84.0	84.0	87.1	91.4	92.1	96.4	97.5	97.7	98.5	99.5	100.0
GE	69.0	71.3	80.5	83.2	84.0	84.0	87.1	91.4	92.1	96.4	97.5	97.7	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 394

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,81-84  
MONTH: NOV HOURS(LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0	
NO CEIL		32.1	32.1	33.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.9	34.9	34.9	34.9	
GE 20000		37.7	37.7	38.7	39.6	39.6	39.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.5	41.5	
GE 18000		37.7	37.7	38.7	39.6	39.6	39.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.5	41.5	
GE 16000		37.7	37.7	38.7	39.6	39.6	39.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.5	41.5	
GE 14000		37.7	37.7	38.7	39.6	39.6	39.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.5	41.5	
GE 12000		39.6	39.6	40.6	41.5	41.5	41.5	42.5	42.5	42.5	42.5	42.5	43.4	43.4	43.4	43.4	
GE 10000		40.6	40.6	41.5	42.5	42.5	42.5	43.4	43.4	43.4	43.4	43.4	44.3	44.3	44.3	44.3	
GE 9000		41.5	41.5	42.5	43.4	43.4	43.4	44.3	44.3	44.3	44.3	44.3	45.3	45.3	45.3	45.3	
GE 8000		43.4	43.4	44.3	45.3	45.3	45.3	46.2	46.2	46.2	46.2	46.2	47.2	47.2	47.2	47.2	
GE 7000		44.3	44.3	45.3	46.2	46.2	46.2	47.2	47.2	47.2	47.2	47.2	48.1	48.1	48.1	48.1	
GE 6000		44.3	44.3	45.3	46.2	46.2	46.2	47.2	47.2	47.2	47.2	47.2	48.1	48.1	48.1	48.1	
GE 5000		46.2	46.2	47.2	48.1	48.1	48.1	49.1	49.1	49.1	49.1	49.1	50.0	50.0	50.0	50.0	
GE 4500		47.2	47.2	48.1	49.1	49.1	49.1	50.0	50.0	50.0	50.0	50.0	50.9	50.9	50.9	50.9	
GE 4000		48.1	48.1	49.1	50.0	50.0	50.0	50.9	50.9	50.9	50.9	50.9	51.9	51.9	51.9	51.9	
GE 3500		50.0	50.0	50.9	51.9	51.9	51.9	52.8	52.8	52.8	52.8	52.8	53.8	53.8	53.8	53.8	
GE 3000		53.8	54.7	57.5	58.5	58.5	58.5	60.4	61.3	61.3	61.3	61.3	62.3	62.3	62.3	62.3	
GE 2500		59.4	60.4	63.2	64.2	64.2	64.2	66.1	67.0	67.0	67.0	67.0	67.9	67.9	67.9	67.9	
GE 2000		62.3	66.0	70.8	71.7	71.7	72.6	74.5	75.5	75.5	75.5	75.5	76.4	76.4	76.4	76.4	
GE 1800		63.2	67.9	72.6	73.6	73.6	74.5	76.4	77.4	77.4	77.4	77.4	78.3	78.3	78.3	78.3	
GE 1500		65.1	69.8	74.5	75.5	77.4	79.2	82.1	83.0	83.0	83.0	83.0	84.9	84.9	84.9	84.9	
GE 1200		65.1	69.8	74.5	76.4	78.3	81.1	84.0	84.9	84.9	84.9	84.9	86.8	86.8	86.8	86.8	
GE 1000		65.1	69.8	75.5	77.4	79.2	82.1	84.9	86.8	86.8	86.8	86.8	88.7	88.7	88.7	88.7	
GE 900		65.1	69.8	75.5	77.4	79.2	82.1	84.9	86.8	86.8	86.8	86.8	88.7	88.7	88.7	88.7	
GE 800		65.1	69.8	77.4	79.2	81.1	84.0	87.7	89.6	89.6	89.6	89.6	91.5	91.5	91.5	91.5	
GE 700		65.1	69.8	77.4	79.2	81.1	84.9	88.7	90.6	90.6	90.6	90.6	92.5	93.4	94.3	94.3	
GE 600		65.1	69.8	77.4	79.2	81.1	84.9	88.7	90.6	90.6	90.6	90.6	92.5	93.4	94.3	94.3	
GE 500		65.1	69.8	77.4	79.2	81.1	85.8	89.6	91.5	92.5	92.5	92.5	94.3	96.2	97.2	97.2	
GE 400		65.1	69.8	77.4	79.2	81.1	85.8	89.6	91.5	93.4	93.4	93.4	95.3	97.2	98.1	99.1	
GE 300		65.1	69.8	77.4	79.2	81.1	85.8	89.6	91.5	94.3	94.3	94.3	96.2	98.1	99.1	100.0	
GE 200		65.1	69.8	77.4	79.2	81.1	85.8	89.6	91.5	94.3	94.3	94.3	96.2	98.1	99.1	100.0	
GE 100		65.1	69.8	77.4	79.2	81.1	85.8	89.6	91.5	94.3	94.3	94.3	96.2	98.1	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 106

GLOBAL CLIMATOLOGY BRANCH  
LAFAYETTE  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: 90 BAKER AAF GERMANY

PERIOD OF RECORD: 76-78, 80-85

MONTH: NOV HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		34.2	34.5	35.4	35.6	35.7	35.8	35.9	36.0	36.0	36.1	36.1	36.2	36.6	36.6	36.7
GE 2000		39.3	39.7	40.6	40.8	40.9	41.0	41.2	41.3	41.3	41.4	41.4	41.5	41.9	41.9	42.0
GE 1800		39.4	39.8	40.7	40.9	41.0	41.1	41.3	41.4	41.5	41.5	41.6	41.7	42.1	42.1	42.1
GE 1600		39.4	39.8	40.7	40.9	41.0	41.1	41.3	41.4	41.5	41.5	41.6	41.7	42.1	42.1	42.1
GE 1400		39.9	40.3	41.2	41.4	41.5	41.6	41.8	41.9	41.9	42.0	42.0	42.1	42.5	42.5	42.6
GE 1200		41.1	41.5	42.4	42.6	42.7	42.8	43.0	43.1	43.1	43.2	43.2	43.3	43.7	43.7	43.8
GE 1000		42.0	42.4	43.3	43.5	43.6	43.7	43.9	44.0	44.0	44.1	44.1	44.2	44.6	44.6	44.7
GE 900		42.6	43.0	43.9	44.1	44.2	44.3	44.5	44.6	44.6	44.7	44.7	44.8	45.2	45.2	45.3
GE 800		46.3	46.4	47.3	47.5	47.6	47.7	47.9	48.0	48.1	48.1	48.2	48.3	48.7	48.7	48.7
GE 700		48.7	49.4	50.4	50.6	50.7	50.8	51.0	51.1	51.2	51.2	51.3	51.4	51.8	51.8	51.8
GE 600		48.9	49.6	50.6	50.8	51.0	51.2	51.4	51.5	51.5	51.6	51.6	51.7	52.1	52.1	52.2
GE 500		50.1	50.8	51.8	52.0	52.2	52.4	52.6	52.7	52.7	52.8	52.8	52.9	53.3	53.3	53.4
GE 450		51.0	51.7	52.7	52.9	53.1	53.2	53.4	53.5	53.6	53.6	53.7	53.8	54.2	54.2	54.2
GE 400		53.2	53.9	54.9	55.1	55.3	55.5	55.7	55.8	55.8	55.9	55.9	56.0	56.4	56.4	56.5
GE 350		55.6	56.4	57.6	57.8	58.0	58.2	58.4	58.5	58.5	58.6	58.6	58.7	59.1	59.1	59.2
GE 300		57.8	58.7	60.7	61.0	61.2	61.6	62.0	62.2	62.2	62.3	62.3	62.4	62.8	62.8	62.9
GE 250		61.4	62.4	64.8	65.3	65.5	65.8	66.2	66.4	66.5	66.5	66.6	66.7	67.1	67.1	67.1
GE 200		62.9	64.5	68.3	69.0	69.2	69.7	70.2	70.5	70.6	70.6	70.7	70.8	71.2	71.2	71.2
GE 180		63.9	65.7	70.5	71.5	71.9	72.4	73.0	73.3	73.4	73.4	73.5	73.6	74.0	74.0	74.0
GE 150		65.3	67.7	73.6	75.3	75.8	76.6	77.7	78.2	78.5	78.6	78.6	78.8	79.2	79.2	79.2
GE 120		65.7	68.2	74.6	76.5	77.2	78.9	80.3	81.1	81.6	81.7	81.7	81.9	82.3	82.3	82.3
GE 100		65.8	68.3	75.5	77.5	78.5	80.6	82.4	83.8	85.2	85.5	85.6	85.8	86.2	86.2	86.2
GE 90		65.9	68.4	75.6	77.6	78.8	81.1	83.0	84.3	85.8	86.2	86.3	86.5	86.9	86.9	86.9
GE 80		66.0	69.7	76.4	78.5	79.8	82.8	84.9	86.2	87.8	88.4	88.4	88.6	89.0	89.0	89.1
GE 70		66.0	68.7	76.4	78.6	79.9	83.1	85.3	86.7	88.6	89.4	89.5	89.7	90.5	90.6	90.7
GE 60		66.0	68.8	76.6	78.8	80.2	83.6	86.1	87.4	89.7	90.6	90.8	91.0	91.8	91.9	92.0
GE 50		66.1	68.9	76.8	79.0	80.4	84.0	86.9	88.7	92.1	93.3	93.7	94.4	95.4	95.5	95.7
GE 40		66.1	68.9	76.8	79.0	80.4	84.1	87.2	89.2	93.2	94.5	95.0	95.8	97.1	97.2	97.4
GE 30		66.1	68.9	76.8	79.0	80.4	84.1	87.3	89.3	93.5	94.9	95.5	96.2	98.2	98.3	99.2
GE 20		66.1	68.9	76.8	79.0	80.4	84.1	87.3	89.3	93.6	95.0	95.6	96.4	98.5	98.7	99.7
GE 10		66.1	68.9	76.8	79.0	80.4	84.1	87.3	89.3	93.6	95.0	95.6	96.4	98.6	98.8	100.0
GE 0		66.1	69.9	76.8	79.0	80.4	84.1	87.3	89.3	93.6	95.0	95.6	96.4	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 1996

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78:00-85  
MONTH: DEC HOURS (LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	
NO CEIL		29.4	29.8	30.2	30.6	30.8	31.2	31.4	31.4	31.6	31.8	31.8	31.8	32.8	32.8	32.8	
GE 20000		34.4	34.8	35.8	36.2	36.4	36.8	37.0	37.0	37.4	37.6	37.6	37.6	38.6	38.6	38.6	
GE 18000		34.4	34.8	35.8	36.2	36.4	36.8	37.0	37.0	37.4	37.6	37.6	37.6	38.6	38.6	38.6	
GE 16000		34.4	34.8	35.8	36.2	36.4	36.8	37.0	37.0	37.4	37.6	37.6	37.6	38.6	38.6	38.6	
GE 14000		34.6	35.0	36.0	36.4	36.6	37.0	37.2	37.2	37.6	37.8	37.8	37.8	38.8	38.8	38.8	
GE 12000		35.2	35.6	36.6	37.0	37.2	37.6	37.8	37.8	38.2	38.4	38.4	38.4	39.4	39.4	39.4	
GE 10000		38.6	39.0	40.2	40.6	40.8	41.2	41.4	41.4	41.7	41.9	41.9	41.9	42.9	42.9	42.9	
GE 9000		39.0	39.4	40.6	41.0	41.2	41.6	41.7	41.7	42.1	42.3	42.3	42.3	43.3	43.3	43.3	
GE 8000		40.6	41.0	42.1	42.5	42.7	43.1	43.3	43.3	43.7	43.9	43.9	43.9	44.9	44.9	44.9	
GE 7000		41.7	42.1	43.5	43.9	44.1	44.5	44.7	44.7	45.1	45.3	45.3	45.3	46.3	46.3	46.3	
GE 6000		41.9	42.3	43.7	44.1	44.3	44.7	44.9	44.9	45.3	45.5	45.5	45.5	46.5	46.5	46.5	
GE 5000		43.3	43.7	45.1	45.5	45.7	46.1	46.3	46.3	46.7	46.9	46.9	46.9	47.9	47.9	47.9	
GE 4500		44.1	44.5	45.9	46.3	46.5	46.9	47.1	47.1	47.5	47.7	47.7	47.7	48.7	48.7	48.7	
GE 4000		46.9	47.3	48.7	49.1	49.3	49.7	49.9	49.9	50.3	50.5	50.5	50.5	51.7	51.7	51.7	
GE 3500		50.5	50.9	52.3	52.7	52.9	53.3	53.5	53.5	53.9	54.1	54.1	54.1	55.3	55.3	55.3	
GE 3000		53.9	54.7	57.1	57.7	57.9	58.3	58.4	58.4	58.8	59.0	59.0	59.0	60.2	60.2	60.2	
GE 2500		57.9	58.8	61.8	62.6	63.0	63.4	63.6	63.6	64.0	64.2	64.2	64.2	65.4	65.4	65.4	
GE 2000		59.4	61.4	64.8	65.6	66.0	67.0	67.4	68.4	69.2	69.4	69.4	69.4	70.6	70.6	70.6	
GE 1800		60.4	62.8	67.0	67.8	68.4	69.4	70.0	71.0	72.0	72.2	72.2	72.2	73.4	73.4	73.4	
GE 1500		61.2	63.6	68.2	70.4	71.4	73.0	74.0	75.5	76.9	77.1	77.1	77.1	78.3	78.3	78.3	
GE 1200		61.2	63.6	68.4	70.6	72.0	74.4	75.7	77.5	79.3	80.1	80.1	80.1	81.3	81.3	81.3	
GE 1000		61.2	63.6	69.2	71.4	72.8	75.7	77.5	79.7	81.9	82.9	82.9	82.9	84.3	84.3	84.3	
GE 900		61.2	63.6	69.2	71.6	73.0	76.1	78.3	80.1	82.3	83.5	83.5	83.5	84.9	84.9	84.9	
GE 800		61.4	63.8	69.8	72.8	74.2	77.5	79.9	82.1	84.5	85.7	85.7	85.7	87.1	87.1	87.1	
GE 700		61.4	63.8	69.8	72.8	74.2	77.7	80.1	82.3	84.9	86.1	86.1	86.1	87.5	87.5	87.5	
GE 600		61.4	63.8	69.8	72.8	74.2	78.1	80.5	82.7	86.1	87.3	87.3	87.3	88.9	88.9	88.9	
GE 500		61.4	63.8	70.2	73.2	74.6	79.9	82.3	84.5	88.5	90.3	90.5	90.9	92.2	92.6	92.8	
GE 400		61.4	63.8	70.2	73.2	74.6	79.9	82.3	84.5	88.7	90.9	91.1	91.5	93.0	93.4	93.6	
GE 300		61.4	63.8	70.2	73.2	74.6	79.9	82.3	84.5	88.7	90.9	91.1	92.0	94.2	95.4	95.6	
GE 200		61.4	63.8	70.2	73.2	74.6	79.9	82.3	84.5	88.7	90.9	91.1	92.2	95.4	97.2	97.6	
GE 100		61.4	63.8	70.2	73.2	74.6	79.9	82.3	84.5	88.7	90.9	91.1	92.2	95.4	97.2	98.0	
GE	0	61.4	63.8	70.2	73.2	74.6	79.9	82.3	84.5	88.7	90.9	91.1	92.2	95.4	97.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 533

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85

MONTH: DEC HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	29.5	29.9	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.6
GE 20000	36.6	36.9	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.4	38.4	38.6	38.6	38.6
GE 18000	36.6	36.9	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.4	38.4	38.6	38.6	38.6
GE 16000	36.6	36.9	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.4	38.4	38.6	38.6	38.6
GE 14000	36.6	36.9	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.4	38.4	38.6	38.6	38.6
GE 12000	36.9	37.3	38.2	39.4	38.4	38.4	38.4	38.4	38.4	38.6	38.6	38.7	38.7	38.9	38.9	38.9
GE 10000	39.3	39.6	40.5	40.7	40.7	40.7	40.7	40.7	40.9	40.9	41.1	41.1	41.3	41.3	41.3	41.3
GE 9000	42.5	42.9	43.8	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.3	44.3	44.5	44.5	44.5	44.5
GE 8000	45.0	45.4	46.3	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0
GE 7000	48.3	48.8	49.9	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.5	50.5	50.6	50.6	50.6	50.6
GE 6000	48.5	49.0	50.1	50.3	50.3	50.3	50.3	50.3	50.5	50.5	50.6	50.6	50.8	50.8	50.8	50.8
GE 5000	51.0	51.5	52.6	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.2	53.2	53.3	53.3	53.3	53.3
GE 4500	53.0	53.5	54.6	54.8	54.8	54.8	54.8	54.8	55.0	55.0	55.1	55.1	55.3	55.3	55.3	55.3
GE 4000	59.3	59.8	60.9	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.4	61.4	61.6	61.6	61.6	61.6
GE 3500	63.1	63.6	64.7	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.2	65.2	65.4	65.4	65.4	65.4
GE 3000	67.6	68.1	69.2	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.7	69.7	69.9	69.9	69.9	69.9
GE 2500	70.5	71.2	73.0	73.5	73.5	73.7	73.7	73.7	73.9	73.9	74.1	74.1	74.2	74.2	74.2	74.2
GE 2000	72.1	72.8	75.9	76.4	76.4	76.8	76.9	76.9	77.5	77.5	77.7	77.7	77.8	77.8	77.8	77.8
GE 1800	74.4	75.1	78.6	79.3	79.3	79.6	79.8	79.8	80.4	80.4	80.5	80.5	80.7	80.7	80.7	80.7
GE 1500	75.5	76.2	80.5	81.3	81.3	82.3	82.7	82.7	83.2	83.2	83.4	83.4	83.6	83.6	83.6	83.6
GE 1200	75.9	76.6	81.3	82.5	82.5	83.8	84.1	84.3	85.2	85.2	85.4	85.4	85.6	85.6	85.6	85.6
GE 1000	75.9	76.6	81.4	82.7	82.9	84.3	85.2	85.4	86.6	87.9	88.1	88.1	88.3	88.3	88.3	88.3
GE 900	75.9	76.6	81.8	83.1	83.2	84.7	85.5	86.1	87.6	88.6	88.8	88.8	89.0	89.0	89.0	89.0
GE 800	75.9	76.6	82.0	83.4	83.6	85.0	86.5	86.8	88.8	90.1	90.3	90.3	90.5	90.5	90.5	90.5
GE 700	75.9	76.6	82.0	83.4	83.6	85.4	86.8	87.2	89.4	90.8	91.0	91.0	91.5	91.7	91.7	91.7
GE 600	75.9	76.6	82.0	83.8	84.1	86.1	87.6	88.1	90.5	91.9	92.1	92.6	93.0	93.0	93.0	93.0
GE 500	75.9	76.6	82.3	84.1	84.7	86.8	88.3	88.8	92.1	93.5	93.7	94.4	95.1	95.1	95.1	95.1
GE 400	75.9	76.6	82.3	84.1	84.7	86.8	88.3	88.8	92.1	93.9	94.1	95.1	97.1	97.1	97.1	97.1
GE 300	75.9	76.6	82.3	84.1	84.7	86.8	88.3	88.8	92.1	93.9	94.1	95.3	97.5	97.7	97.7	97.7
GE 200	75.9	76.6	82.3	84.1	84.7	86.8	88.3	88.8	92.1	93.9	94.1	95.3	97.7	98.9	99.3	99.3
GE 100	75.9	76.6	82.3	84.1	84.7	86.8	88.3	88.8	92.1	93.9	94.1	95.3	97.7	99.1	100.0	100.0
GE 0	75.9	76.6	82.3	84.1	84.7	86.8	88.3	88.8	92.1	93.9	94.1	95.3	97.7	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 555

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: DEC HOURS(LOCAL): 1200-1400

CEILING IN FEET	16C	GE 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS										GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		28.5	28.7	29.5	29.7	29.7	30.3	30.3	30.3	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.3	30.3	30.3	30.5	30.5	30.5	30.5	30.5	30.5
GE 20000		34.6	34.8	35.6	35.8	35.8	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5
GE 18000		35.2	35.4	36.1	36.3	36.3	36.9	36.9	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	36.9	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.1
GE 16000		36.1	36.3	37.1	37.3	37.3	37.9	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1
GE 14000		36.1	36.3	37.1	37.3	37.3	37.9	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1
GE 12000		36.5	36.7	37.5	37.7	37.7	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5
GE 10000		37.5	37.7	38.5	38.7	38.7	39.3	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5
GE 9000		41.5	41.7	42.4	42.6	42.6	43.2	43.2	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.2	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4
GE 8000		45.4	45.6	46.6	46.8	47.0	47.5	47.5	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.5	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7
GE 7000		47.5	48.1	49.1	49.3	49.5	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3
GE 6000		48.5	49.1	50.1	50.3	50.5	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3
GE 5000		50.9	51.5	52.5	52.7	52.8	53.4	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6
GE 4500		52.5	53.0	54.0	54.2	54.4	55.0	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2
GE 4000		60.3	60.9	61.9	62.1	62.3	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1
GE 3500		65.0	65.6	66.6	66.8	67.0	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8
GE 3000		68.4	69.2	70.5	70.7	70.9	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7
GE 2500		69.9	70.7	72.9	73.1	73.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000		72.3	73.7	76.6	76.8	77.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800		73.5	74.9	78.0	78.2	78.6	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2
GE 1500		76.2	78.0	81.5	81.7	82.1	83.7	83.9	83.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	83.9	83.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3
GE 1200		76.6	78.4	82.7	82.9	83.3	85.1	85.3	85.3	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.3	85.3	85.3	85.7	85.9	85.9	85.9	85.9	85.9
GE 1000		76.8	78.6	83.5	83.9	84.3	87.0	87.6	87.6	87.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	87.6	87.6	87.6	88.2	88.4	88.4	88.4	88.4	88.4
GE 900		76.8	78.6	84.1	84.5	84.9	87.6	88.8	88.8	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	88.8	88.8	88.8	89.4	89.6	89.6	89.6	89.6	89.6
GE 800		76.8	78.6	84.7	85.1	85.5	88.4	89.6	89.6	89.6	90.2	90.6	90.6	90.6	90.6	90.6	90.6	89.6	89.6	89.6	90.2	90.6	90.6	90.6	90.6	90.6
GE 700		76.8	78.6	84.9	85.3	85.7	88.6	89.8	89.8	89.8	90.4	90.8	90.8	90.8	90.8	90.8	90.8	89.8	89.8	89.8	90.4	90.8	90.8	90.8	90.8	90.8
GE 600		76.8	78.6	85.1	85.5	85.9	86.2	87.0	87.0	87.0	90.0	91.4	91.4	91.4	91.4	91.4	91.4	89.8	89.8	89.8	90.4	90.8	90.8	90.8	90.8	90.8
GE 500		76.8	79.0	85.5	86.6	87.0	91.2	92.5	92.5	92.5	93.7	94.5	94.5	94.5	94.5	94.5	94.5	92.5	92.5	92.5	93.7	94.5	94.5	94.5	94.5	94.5
GE 400		76.8	79.0	85.5	86.6	87.0	91.2	92.7	92.7	92.7	94.1	95.1	95.1	95.1	95.1	95.1	95.1	92.7	92.7	92.7	94.1	95.1	95.1	95.1	95.1	95.1
GE 300		76.8	79.0	85.5	86.6	87.0	91.2	92.7	92.7	92.7	94.5	95.5	95.5	95.5	95.5	95.5	95.5	92.7	92.7	92.7	94.5	95.5	95.5	95.5	95.5	95.5
GE 200		76.8	79.0	85.5	86.6	87.0	91.2	92.7	92.7	92.7	94.5	95.5	95.5	95.5	95.5	95.5	95.5	92.7	92.7	92.7	94.5	95.5	95.5	95.5	95.5	95.5
GE 100		76.8	79.0	85.5	86.6	87.0	91.2	92.7	92.7	92.7	94.5	95.5	95.5	95.5	95.5	95.5	95.5	92.7	92.7	92.7	94.5	95.5	95.5	95.5	95.5	95.5
GE C		76.8	79.0	85.5	86.6	87.0	91.2	92.7	92.7	92.7	94.5	95.5	95.5	95.5	95.5	95.5	95.5	92.7	92.7	92.7	94.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS: 509

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: DEC HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		23.3	23.6	23.6	23.6	23.6	24.4	24.4	24.4	24.4	24.4	24.4	24.4	25.2	25.2	25.5
GE 20000		28.4	28.7	28.7	28.7	28.7	29.5	29.5	29.5	29.5	29.5	29.5	29.5	30.3	30.3	30.6
GE 18000		29.8	30.0	30.0	30.0	30.0	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.6	31.6	31.9
GE 16000		30.8	31.1	31.1	31.1	31.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.7	32.7	33.0
GE 14000		30.8	31.1	31.1	31.1	31.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.7	32.7	33.0
GE 12000		31.6	31.9	31.9	31.9	31.9	32.7	32.7	32.7	32.7	32.7	32.7	32.7	33.5	33.5	33.8
GE 10000		33.2	33.5	33.5	33.5	33.5	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.1	35.1	35.4
GE 9000		35.4	35.7	35.7	35.7	35.7	36.5	36.5	36.5	36.5	36.5	36.5	36.5	37.3	37.3	37.5
GE 8000		41.8	42.1	42.1	42.1	42.1	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.7	43.7	44.0
GE 7000		44.0	44.2	44.2	44.2	44.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.8	45.8	46.1
GE 6000		45.0	45.3	45.3	45.3	45.3	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.9	46.9	47.2
GE 5000		46.9	47.2	47.2	47.2	47.2	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.8	48.8	49.1
GE 4500		48.5	48.8	48.8	48.8	48.8	49.6	49.6	49.6	49.6	49.6	49.6	49.6	50.4	50.4	50.7
GE 4000		54.4	55.2	55.2	55.2	55.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.8	56.8	57.1
GE 3500		59.5	60.6	60.6	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	62.2	62.2	62.5
GE 3000		62.5	64.1	64.1	64.1	64.1	64.9	64.9	64.9	65.1	65.1	65.1	65.1	66.0	66.0	66.2
GE 2500		66.8	68.4	70.2	70.2	70.2	71.0	71.0	71.0	71.3	71.3	71.3	71.3	72.1	72.1	72.4
GE 2000		68.1	70.0	72.9	72.9	72.9	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.8	74.8	75.1
GE 1800		69.2	71.0	74.5	74.5	74.5	75.6	75.6	75.6	75.9	75.9	75.9	75.9	76.7	76.7	76.9
GE 1500		71.3	73.2	76.9	77.2	77.2	78.6	78.6	78.6	79.1	79.1	79.1	79.1	79.9	79.9	80.2
GE 1200		72.1	74.3	78.3	78.6	78.6	80.7	81.2	81.2	81.5	81.5	81.5	81.5	82.3	82.3	82.6
GE 1000		72.9	75.1	79.1	80.7	81.0	83.4	84.5	84.5	84.7	84.7	84.7	84.7	85.5	85.5	85.8
GE 900		72.9	75.1	79.4	81.2	81.5	84.2	85.8	85.8	86.1	86.1	86.1	86.1	86.9	86.9	87.1
GE 800		72.9	75.1	80.2	82.3	82.6	85.5	87.4	87.4	88.5	88.5	88.5	88.5	89.3	89.3	89.5
GE 700		72.9	75.1	80.2	82.3	82.6	85.5	87.4	87.4	88.7	89.0	89.0	89.0	90.1	90.1	90.3
GE 600		72.9	75.1	80.2	82.3	82.8	86.3	88.2	88.2	89.8	90.1	90.3	90.3	91.4	91.4	91.7
GE 500		72.9	75.1	81.0	83.1	83.9	87.7	89.5	89.5	91.4	92.0	92.5	92.5	93.6	93.8	94.1
GE 400		72.9	75.1	81.0	83.1	83.9	87.7	89.5	89.5	91.4	92.0	92.5	93.3	94.6	94.9	95.2
GE 300		72.9	75.1	81.0	83.1	83.9	87.7	89.5	89.5	91.4	92.0	92.8	94.9	96.5	96.8	97.1
GE 200		72.9	75.1	81.0	83.1	83.9	87.7	89.5	89.5	91.4	92.0	92.8	95.2	97.1	97.6	98.1
GE 100		72.9	75.1	81.0	83.1	83.9	87.7	89.5	89.5	91.4	92.0	92.8	95.2	97.1	97.6	99.7
GE C		72.9	75.1	81.0	83.1	83.9	87.7	89.5	89.5	91.4	92.0	92.8	95.2	97.1	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 373



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 109711 STATION NAME: BO WAKER AAF GERMANY

PERIOD OF RECORD: 76-78,81-84  
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		11.0	12.3	15.1	15.1	15.1	17.8	17.8	17.8	19.2	19.2	19.2	19.2	20.5	21.9	21.9
GE 20000	16.4	17.8	20.5	20.5	20.5	23.3	23.3	23.3	24.7	24.7	24.7	24.7	26.0	27.4	27.4	27.4
GE 18000	16.4	17.8	20.5	20.5	20.5	23.3	23.3	23.3	24.7	24.7	24.7	24.7	26.0	27.4	27.4	27.4
GE 16000	16.4	17.8	20.5	20.5	20.5	23.3	23.3	23.3	24.7	24.7	24.7	24.7	26.0	27.4	27.4	27.4
GE 14000	16.4	17.8	20.5	20.5	20.5	23.3	23.3	23.3	24.7	24.7	24.7	24.7	26.0	27.4	27.4	27.4
GE 12000	17.8	19.2	21.9	21.9	21.9	24.7	24.7	24.7	26.0	26.0	26.0	26.0	27.4	28.8	28.8	28.8
GE 10000	19.2	20.5	23.3	23.3	23.3	26.0	26.0	26.0	27.4	27.4	27.4	27.4	28.8	30.1	30.1	30.1
GE 9000	21.9	23.3	26.0	26.0	26.0	28.8	28.8	28.8	30.1	30.1	30.1	30.1	31.5	32.9	32.9	32.9
GE 8000	20.1	31.5	34.2	34.2	34.2	37.0	37.0	37.0	38.4	38.4	38.4	38.4	39.7	41.1	41.1	41.1
GE 7000	21.5	32.9	35.6	35.6	35.6	38.4	38.4	38.4	39.7	39.7	39.7	39.7	41.1	42.5	42.5	42.5
GE 6000	21.5	32.9	35.6	35.6	35.6	38.4	38.4	38.4	39.7	39.7	39.7	39.7	41.1	42.5	42.5	42.5
GE 5000	22.9	34.2	37.0	37.0	37.0	39.7	39.7	39.7	41.1	41.1	41.1	41.1	42.5	43.8	43.8	43.8
GE 4500	22.9	34.2	37.0	37.0	37.0	39.7	39.7	39.7	41.1	41.1	41.1	41.1	42.5	43.8	43.8	43.8
GE 4000	24.2	35.6	38.4	38.4	38.4	41.1	41.1	41.1	42.5	42.5	42.5	42.5	43.8	45.2	45.2	45.2
GE 3500	42.5	43.8	46.6	46.6	46.6	49.3	49.3	49.3	50.7	50.7	50.7	50.7	52.1	53.4	53.4	53.4
GE 3000	45.2	46.6	49.3	49.3	49.3	52.1	52.1	52.1	53.4	53.4	53.4	53.4	54.8	56.2	56.2	56.2
GE 2500	47.9	49.3	51.6	51.6	51.6	54.8	54.8	54.8	56.2	56.2	56.2	56.2	57.6	59.0	59.0	59.0
GE 2000	50.7	52.1	54.8	54.8	54.8	57.6	57.6	57.6	59.0	59.0	59.0	59.0	60.4	61.8	61.8	61.8
GE 1800	52.1	53.4	56.2	56.2	56.2	59.0	59.0	59.0	60.4	60.4	60.4	60.4	61.8	63.2	63.2	63.2
GE 1600	52.1	53.4	56.2	56.2	56.2	59.0	59.0	59.0	60.4	60.4	60.4	60.4	61.8	63.2	63.2	63.2
GE 1400	53.4	54.8	57.6	57.6	57.6	60.4	60.4	60.4	61.8	61.8	61.8	61.8	63.2	64.6	64.6	64.6
GE 1200	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 1000	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 900	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 800	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 700	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 600	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 500	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 400	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 300	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 200	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE 100	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4
GE C	56.2	57.6	60.4	60.4	60.4	63.2	63.2	63.2	64.6	64.6	64.6	64.6	66.0	67.4	67.4	67.4

TOTAL NUMBER OF OBSERVATIONS: 73

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 119711 STATION NAME: BQ BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85

MONTH: DEC HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480
NO CEIL		27.4	27.8	28.3	28.5	28.5	29.0	29.1	29.1	29.2	29.3	29.3	29.3	29.3	29.8	29.9
GE 20000		33.3	33.6	34.4	34.6	34.7	35.2	35.2	35.2	35.4	35.5	35.6	35.6	36.1	36.1	36.2
GE 18000		33.7	34.0	34.8	35.0	35.1	35.6	35.6	35.6	35.8	35.9	36.0	36.0	36.5	36.5	36.6
GE 16000		34.1	34.5	35.3	35.5	35.5	36.0	36.1	36.1	36.3	36.4	36.4	36.4	36.9	37.0	37.0
GE 14000		34.2	34.5	35.3	35.5	35.6	36.1	36.1	36.1	36.3	36.4	36.5	36.5	37.0	37.0	37.1
GE 12000		34.7	35.1	35.9	36.1	36.1	36.6	36.7	36.7	36.9	37.0	37.0	37.0	37.5	37.6	37.6
GE 10000		36.6	37.2	38.0	38.2	38.3	38.7	38.8	38.8	39.0	39.1	39.1	39.1	39.6	39.7	39.7
GE 9000		39.3	39.6	40.5	40.7	40.7	41.2	41.3	41.3	41.5	41.6	41.6	41.6	42.1	42.2	42.2
GE 8000		42.9	43.2	44.1	44.3	44.4	44.9	45.0	45.0	45.2	45.3	45.4	45.4	45.9	45.9	46.0
GE 7000		45.1	45.6	46.5	46.7	46.8	47.3	47.4	47.4	47.6	47.7	47.8	47.8	48.3	48.3	48.4
GE 6000		45.6	46.1	47.1	47.3	47.4	47.9	47.9	47.9	48.2	48.3	48.3	48.3	48.8	48.9	48.9
GE 5000		47.6	48.1	49.1	49.3	49.4	49.9	50.0	50.0	50.2	50.3	50.4	50.4	50.9	50.9	51.0
GE 4500		49.1	49.6	50.6	50.8	50.9	51.4	51.4	51.4	51.7	51.8	51.8	51.8	52.3	52.4	52.4
GE 4000		54.6	55.2	56.2	56.4	56.5	57.0	57.1	57.1	57.3	57.4	57.5	57.5	58.0	58.1	58.1
GE 3500		59.0	59.7	60.7	60.9	61.0	61.5	61.5	61.5	61.7	61.8	61.9	61.9	62.4	62.5	62.6
GE 3000		62.6	63.5	64.0	65.1	65.2	65.7	65.7	65.7	66.0	66.1	66.2	66.2	66.7	66.8	66.9
GE 2500		65.7	66.7	69.0	69.4	69.5	70.2	70.2	70.2	70.5	70.6	70.7	70.7	71.2	71.3	71.4
GE 2000		67.5	68.9	72.1	72.5	72.7	73.5	73.7	73.7	74.4	74.5	74.6	74.6	75.1	75.2	75.3
GE 1800		68.9	70.4	74.1	74.5	74.8	75.8	76.0	76.2	76.8	76.9	76.9	76.9	77.4	77.5	77.6
GE 1500		70.5	72.1	76.3	77.1	77.5	78.9	79.4	79.8	80.4	80.5	80.6	80.6	81.1	81.2	81.3
GE 1200		70.9	72.6	77.1	78.1	78.6	80.5	81.1	81.6	82.5	82.8	82.8	82.8	83.4	83.4	83.5
GE 1000		71.2	72.9	77.8	79.2	79.8	82.2	83.4	83.9	85.1	85.7	85.7	85.8	86.4	86.4	86.5
GE 900		71.2	72.9	78.1	79.6	80.2	82.7	84.2	84.7	85.9	86.6	86.6	86.7	87.3	87.3	87.4
GE 800		71.2	72.9	78.7	80.4	81.1	83.8	85.4	86.1	87.7	88.5	88.5	88.6	89.3	89.3	89.4
GE 700		71.2	72.9	78.8	80.5	81.1	84.0	85.7	86.4	88.2	89.0	89.1	89.3	90.0	90.1	90.2
GE 600		71.2	72.9	78.8	80.7	81.5	84.8	86.5	87.3	89.4	90.2	90.4	90.7	91.5	91.5	91.6
GE 500		71.2	73.0	79.3	81.3	82.2	86.0	87.8	88.5	91.2	92.3	92.6	93.2	94.1	94.3	94.4
GE 400		71.2	73.0	79.3	81.3	82.2	86.0	87.8	88.6	91.4	92.7	93.1	94.2	95.7	95.9	96.0
GE 300		71.2	73.0	79.3	81.3	82.2	86.0	87.8	88.6	91.5	92.8	93.3	94.9	96.7	97.1	97.3
GE 200		71.2	73.0	79.3	81.3	82.2	86.0	87.8	88.6	91.5	92.8	93.3	95.0	97.2	98.3	98.7
GE 100		71.2	73.0	79.3	81.3	82.2	86.0	87.8	88.6	91.5	92.8	93.3	95.0	97.2	98.4	99.6
GE 0		71.2	73.0	79.3	81.3	82.2	86.0	87.8	88.6	91.5	92.8	93.3	95.0	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 2013

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-86

MONTH: ALL HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		35.2	35.8	36.8	37.2	37.3	37.5	37.7	37.8	37.9	38.0	38.1	38.1	38.3	38.4	38.6
GE 20000		39.8	40.4	41.6	42.0	42.1	42.3	42.5	42.7	42.8	42.9	43.0	43.0	43.3	43.4	43.6
GE 18000		40.3	40.9	42.1	42.5	42.6	42.9	43.1	43.2	43.4	43.5	43.5	43.6	43.8	43.9	44.1
GE 16000		40.4	41.0	42.1	42.6	42.7	42.9	43.1	43.3	43.4	43.5	43.6	43.7	43.9	44.0	44.2
GE 14000		40.6	41.2	42.4	42.8	42.9	43.2	43.4	43.5	43.7	43.7	43.8	43.9	44.1	44.2	44.4
GE 12000		41.2	41.8	43.0	43.4	43.5	43.7	44.0	44.1	44.3	44.3	44.4	44.5	44.7	44.8	45.0
GE 10000		42.8	43.4	44.6	45.1	45.2	45.4	45.7	45.8	46.0	46.0	46.1	46.2	46.4	46.5	46.7
GE 9000		44.2	44.9	46.1	46.5	46.6	46.9	47.1	47.2	47.4	47.5	47.6	47.6	47.9	48.0	48.2
GE 8000		48.1	48.7	50.1	50.5	50.7	50.9	51.1	51.3	51.5	51.5	51.6	51.7	51.9	52.0	52.2
GE 7000		50.7	51.5	52.9	53.4	53.6	53.8	54.1	54.2	54.4	54.5	54.5	54.6	54.9	55.0	55.2
GE 6000		51.3	52.0	53.5	54.0	54.1	54.3	54.6	54.7	54.9	55.0	55.1	55.2	55.4	55.5	55.7
GE 5000		52.9	53.7	55.2	55.7	55.8	56.1	56.4	56.5	56.7	56.8	56.9	56.9	57.2	57.3	57.5
GE 4500		54.1	54.9	56.4	56.9	57.1	57.3	57.6	57.8	58.0	58.0	58.1	58.2	58.5	58.6	58.8
GE 4000		58.2	59.0	60.6	61.1	61.2	61.5	61.8	61.9	62.1	62.2	62.3	62.4	62.6	62.7	62.9
GE 3500		62.2	63.1	64.7	65.3	65.4	65.7	66.0	66.1	66.4	66.4	66.5	66.6	66.9	67.0	67.2
GE 3000		67.1	68.2	70.3	70.9	71.1	71.5	71.9	72.0	72.3	72.3	72.4	72.5	72.8	72.9	73.1
GE 2500		70.5	71.8	74.4	75.2	75.5	75.9	76.3	76.5	76.7	76.8	76.9	77.0	77.3	77.4	77.6
GE 2000		72.5	74.2	77.8	78.8	79.1	79.7	80.2	80.5	80.9	81.0	81.1	81.2	81.5	81.6	81.8
GE 1800		73.7	75.6	79.7	80.8	81.1	81.8	82.4	82.7	83.1	83.2	83.3	83.4	83.7	83.8	84.0
GE 1500		74.9	77.0	82.0	83.4	83.9	84.8	85.6	86.0	86.6	86.7	86.8	86.9	87.2	87.4	87.6
GE 1200		75.3	77.4	82.9	84.6	85.1	86.3	87.3	87.7	88.4	88.6	88.7	88.8	89.1	89.3	89.5
GE 1000		75.4	77.6	83.5	85.3	86.0	87.5	88.8	89.4	90.6	91.0	91.2	91.4	91.7	91.8	92.0
GE 900		75.5	77.7	83.7	85.6	86.3	87.8	89.3	89.9	91.2	91.7	91.9	92.1	92.4	92.5	92.7
GE 800		75.6	77.8	84.0	86.0	86.8	88.5	90.1	90.8	92.3	92.9	93.2	93.4	93.8	93.9	94.1
GE 700		75.6	77.9	84.1	86.1	86.9	88.7	90.6	91.3	93.1	93.8	94.1	94.4	94.8	95.0	95.2
GE 600		75.6	77.9	84.2	86.3	87.1	89.0	91.0	91.8	93.8	94.7	95.1	95.4	96.0	96.1	96.4
GE 500		75.6	77.9	84.3	86.5	87.3	89.3	91.5	92.3	94.8	95.8	96.3	96.9	97.5	97.7	98.0
GE 400		75.6	77.9	84.3	86.5	87.3	89.4	91.6	92.5	95.2	96.2	96.8	97.4	98.3	98.6	98.9
GE 300		75.6	77.9	84.3	86.5	87.3	89.4	91.6	92.5	95.3	96.3	96.9	97.6	98.7	99.1	99.4
GE 200		75.6	77.9	84.3	86.5	87.3	89.4	91.6	92.5	95.3	96.3	96.9	97.7	98.9	99.3	99.8
GE 100		75.6	77.9	84.3	86.5	87.3	89.4	91.6	92.5	95.3	96.3	96.9	97.7	98.9	99.3	99.9
GE 0		75.6	77.9	84.3	86.5	87.3	89.4	91.6	92.5	95.3	96.3	96.9	97.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 25316

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#### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

##### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

##### EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

##### MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-FOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

##### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-86

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
03-05	MEAN		23.7	34.4	36.8	44.5	50.3	53.7	53.7	48.9	46.0			47.6
	SD		2.449	7.763	6.710	6.478	5.222	5.319	5.669	6.042				8.021
	TOT OBS		9	21	130	146	141	145	147	137	1			877
06-08	MEAN	23.2	23.1	33.6	38.5	47.6	54.3	57.7	55.9	49.8	42.0	32.7	26.9	40.7
	SD	11.690	10.881	7.794	7.472	7.101	6.809	6.400	6.157	6.159	7.112	8.785	11.070	14.682
	TOT OBS	531	534	579	539	579	571	563	560	557	546	512	503	6574
09-11	MEAN	26.9	27.5	39.2	45.5	54.8	61.4	66.0	63.8	57.6	49.6	37.7	30.0	46.7
	SD	10.703	9.500	8.490	9.559	8.780	8.005	8.620	7.644	7.837	8.761	9.784	9.935	16.440
	TOT OBS	541	531	575	532	572	543	546	531	551	526	497	555	6500
12-14	MEAN	32.6	33.2	44.3	49.5	58.5	64.5	69.6	67.6	61.9	55.3	42.9	35.2	51.5
	SD	9.612	10.014	9.547	10.533	9.554	9.343	9.790	8.487	9.024	9.760	11.647	9.005	16.123
	TOT OBS	484	493	551	494	561	514	508	521	517	514	487	509	6153
15-17	MEAN	32.5	32.5	44.0	48.8	58.7	64.7	70.6	67.3	61.5	54.7	41.4	35.1	50.6
	SD	9.675	9.450	9.682	10.674	9.303	9.917	10.184	8.658	9.192	9.261	11.102	8.660	16.456
	TOT OBS	376	354	398	266	306	319	378	339	356	381	394	373	4240
18-20	MEAN	30.0	29.5	41.0	44.9	56.0	63.8	68.9	64.2	56.6	48.8	38.5	30.5	46.3
	SD	10.356	8.252	8.639	9.066	8.722	9.462	9.726	8.409	7.708	7.541	8.920	9.202	16.227
	TOT OBS	94	103	107	50	57	69	43	71	71	90	106	73	974
ALL	MEAN	28.4	28.7	39.8	44.5	53.8	60.1	64.8	62.6	56.7	49.9	38.5	31.5	47.0
	SD	11.231	10.796	9.912	10.410	9.873	9.715	10.300	9.189	9.410	10.165	10.971	10.349	16.253
HOURS	TOT OBS	2026	2024	2231	2011	2221	2157	2223	2169	2189	2058	1996	2013	25318

GLOBAL CLIMATOLOGY BRANCH  
SAFETAC  
AIR WEATHER SERVICE/MAC

WEI-BULB TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-86

OLRS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
151														
	MEAN	23.3	32.6	35.4	43.1	49.0	52.1	52.6	47.8	44.0				46.3
3-05	SD	2.398	6.867	5.657	6.099	5.039	4.379	5.158	5.624					8.454
	TOT OBS	9	21	130	146	141	145	147	137	1				877
	MEAN	22.5	22.4	31.4	36.4	44.9	51.2	54.4	53.9	48.2	40.5	31.6	26.1	39.0
6-08	SD	11.177	10.302	7.087	6.013	6.166	5.594	4.786	5.158	5.638	6.139	7.817	10.569	13.582
	TOT OBS	531	534	579	579	579	571	563	560	557	546	512	503	6574
	MEAN	25.6	26.1	36.1	41.0	49.2	55.1	58.4	58.2	53.0	45.8	35.2	26.7	42.8
9-11	SD	9.894	8.995	6.754	6.924	6.751	6.276	5.408	5.128	5.900	6.570	7.824	9.048	13.843
	TOT OBS	541	531	575	532	572	543	546	531	551	526	497	555	6500
	MEAN	30.2	30.4	39.4	43.4	51.2	56.6	59.9	59.7	55.0	49.0	38.8	33.0	45.7
12-14	SD	8.068	8.155	7.049	7.347	6.863	6.753	5.552	5.295	6.029	6.581	8.327	7.479	12.731
	TOT OBS	484	493	551	494	561	514	508	521	517	514	487	509	6153
	MEAN	30.2	29.7	39.1	42.9	51.5	57.3	60.5	59.3	54.7	49.1	38.1	33.2	45.1
5-17	SD	8.463	7.681	7.261	7.313	6.470	7.396	5.565	5.297	6.241	6.730	8.446	7.421	13.086
	TOT OBS	376	354	398	266	306	319	376	339	356	381	394	373	4240
	MEAN	28.4	27.7	37.4	40.9	49.9	57.2	60.0	57.8	52.4	45.8	36.7	29.6	42.5
8-20	SD	9.269	7.229	7.086	6.607	6.099	7.465	5.524	5.818	6.055	6.136	7.743	8.526	13.458
	TOT OBS	94	103	107	50	57	69	83	71	71	90	106	73	974
	MEAN	26.9	26.9	36.4	40.3	48.5	54.4	57.7	57.3	52.2	45.8	35.8	30.0	43.0
ALL	SD	10.090	9.197	7.646	7.396	7.147	6.920	5.936	5.839	6.576	7.331	8.530	9.255	13.481
OLRS	TOT OBS	2026	2024	2231	2011	2221	2157	2223	2169	2189	2058	1996	2013	25318

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

DELTA-POINT TEMPERATURES DEG F FROM  
MONTHLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-86

MO	RS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
1	ST														
		MEAN		21.3	30.7	33.3	41.7	47.8	50.9	51.7	46.7	43.0			44.9
C3-C5		SD		2.121	6.754	5.404	6.365	5.265	4.250	4.982	5.658				6.736
		TOT OBS		9	21	130	146	141	145	147	137	1			877
		MEAN	20.6	20.5	29.8	33.9	42.3	48.7	52.0	52.4	46.8	39.0	29.9	24.6	37.0
06-08		SD	11.444	10.839	7.274	5.583	6.412	5.611	4.534	4.892	5.722	5.476	7.526	10.701	13.544
		TOT OBS	531	534	579	539	579	571	563	560	557	546	512	503	6574
		MEAN	23.0	23.2	31.9	36.0	44.2	50.4	53.4	54.4	49.4	42.2	32.2	26.4	38.9
09-11		SD	9.892	9.373	6.878	6.669	7.215	6.498	4.920	4.823	5.862	6.023	6.922	8.930	13.247
		TOT OBS	541	531	575	532	572	543	546	531	551	526	497	545	6522
		MEAN	26.3	25.8	33.4	36.9	44.9	50.8	53.6	54.5	49.9	43.4	34.1	29.8	40.4
12-14		SD	7.972	8.440	7.170	7.272	7.555	7.309	5.018	5.034	5.820	6.190	6.628	6.909	12.101
		TOT OBS	444	493	551	494	561	514	508	521	517	514	487	506	6191
		MEAN	26.5	25.0	33.1	36.6	45.2	51.9	54.1	54.1	49.4	44.3	34.1	20.4	40.1
15-17		SD	8.633	8.034	7.108	6.844	7.316	8.015	5.348	4.897	5.942	6.579	7.263	7.001	12.001
		TOT OBS	376	354	398	266	306	319	378	339	356	381	344	373	624
		MEAN	25.4	24.1	33.4	36.4	44.4	52.4	54.3	53.4	49.0	42.9	34.1	20.4	40.1
18-20		SD	9.452	7.892	7.224	6.007	6.886	8.157	5.220	5.413	6.049	5.925	7.479	6.417	12.001
		TOT OBS	94	103	107	50	57	69	81	71	71	90	106	106	106
		MEAN	23.9	23.4	32.0	35.6	43.8	50.2	53.1	53.7	48.7	42.1	32.0	20.4	40.1
ALL		SD	9.963	9.481	7.248	6.613	7.154	6.832	4.985	5.031	5.963	6.420	7.111	6.417	12.001
MO	RS	TOT OBS	2026	2024	2231	2011	2221	2157	2223	2169	2109	2044	1996	1996	1996



AD-A188 346

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs)

3/3

NO BAKER AAF GERMANY (U) AIR FORCE ENVIRONMENTAL

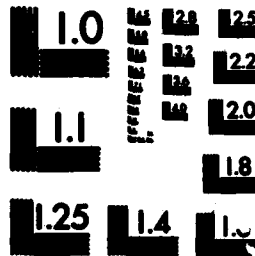
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 87

USAFETAC/DS-87/068

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UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL HOURS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.8	99.6	99.2	94.4	84.2	58.4	90.2	531
	09-11	100.0	100.0	100.0	100.0	99.4	94.5	85.8	71.5	48.6	86.5	541
	12-14	100.0	100.0	99.6	98.1	94.0	86.8	69.8	55.6	33.5	79.8	484
	15-17	100.0	100.0	100.0	98.4	95.7	87.0	71.3	54.3	34.8	80.1	376
	18-20	100.0	100.0	100.0	100.0	96.8	92.6	81.9	62.8	48.9	84.2	94
	21-23											
TOTALS		100.0	100.0	99.9	99.2	97.1	92.0	80.6	65.7	44.8	84.2	2026

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	66.7	90.7	9
	06-08	100.0	100.0	100.0	100.0	99.8	97.9	92.9	85.4	64.8	90.2	534
	09-11	100.0	100.0	99.8	99.4	98.3	93.2	83.8	68.0	45.4	84.8	531
	12-14	100.0	99.4	98.6	96.6	90.1	79.9	66.5	49.5	28.2	76.7	493
	15-17	100.0	99.7	99.2	96.3	90.7	79.9	64.4	48.6	25.7	76.2	354
	18-20	100.0	100.0	100.0	100.0	94.2	94.2	76.7	59.2	33.0	81.4	103
	21-23											
TOTALS		100.0	99.9	99.6	98.7	95.5	90.9	80.7	68.5	44.0	83.3	2024

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	95.2	66.7	38.1	86.9	21
	03-05	100.0	100.0	99.8	99.5	99.1	97.8	89.8	81.9	57.2	88.9	579
	06-08	100.0	100.0	99.3	97.7	91.8	81.4	63.8	50.3	31.0	77.5	575
	09-11	100.0	100.0	98.5	91.7	76.4	61.2	46.5	33.8	19.6	68.8	551
	12-14	100.0	100.0	99.5	93.5	76.6	61.6	44.7	31.9	19.6	68.5	396
	15-17	100.0	100.0	100.0	99.1	88.8	78.5	56.1	43.0	20.6	74.6	107
	18-20	100.0	100.0	100.0	99.1	88.8	78.5	56.1	43.0	20.6	74.6	107
	21-23	100.0	100.0	100.0	99.1	88.8	78.5	56.1	43.0	20.6	74.6	107
TOTALS		100.0	100.0	99.5	96.9	88.8	80.1	66.0	51.3	31.0	77.5	2231

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
APR	00-02											
	03-05	100.0	100.0	100.0	100.0	98.5	95.4	90.8	76.9	56.2	88.1	130
	06-08	100.0	100.0	100.0	99.8	97.2	92.2	82.6	69.0	44.2	84.6	539
	09-11	100.0	100.0	99.4	94.5	81.0	68.6	57.5	43.0	24.2	72.6	532
	12-14	100.0	100.0	98.0	85.6	68.4	57.1	46.0	30.8	15.6	65.6	494
	15-17	100.0	100.0	97.4	86.8	71.4	59.4	46.2	31.6	16.9	66.6	266
	18-20	100.0	100.0	100.0	98.0	86.0	78.0	62.0	38.0	28.0	74.5	50
	21-23											
TOTALS		100.0	100.0	99.1	94.1	83.8	75.1	64.2	48.2	30.9	75.3	2011

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: GO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	(NUP OBS)
MAY	00-02											
	03-05	100.0	100.0	100.0	100.0	99.3	98.6	96.6	85.6	60.3	90.0	146
	06-08	100.0	100.0	100.0	99.8	98.3	93.4	83.4	60.4	35.1	82.6	579
	09-11	100.0	100.0	99.3	95.1	85.5	68.4	51.9	27.6	11.4	69.4	572
	12-14	100.0	99.8	97.3	89.1	72.7	54.7	37.8	18.7	7.7	63.3	561
	15-17	100.0	100.0	97.4	87.2	72.2	55.9	38.6	22.9	10.5	63.9	306
	18-20	100.0	100.0	100.0	91.2	73.7	64.9	57.9	29.8	15.8	68.1	57
	21-23											
	TOTALS	100.0	100.0	99.0	93.8	83.6	72.7	61.0	40.8	23.5	72.9	2221

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	(HOURS OBS)
JUN	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	99.3	85.8	63.1	91.0	141
	06-08	100.0	100.0	100.0	99.8	98.8	94.4	84.1	60.4	31.5	82.2	571
	09-11	100.0	100.0	100.0	98.2	86.9	64.3	45.3	28.9	14.2	69.3	543
	12-14	100.0	100.0	99.6	91.8	73.2	47.7	36.2	22.4	7.6	63.6	514
	15-17	100.0	100.0	99.1	92.2	78.1	54.5	39.5	28.2	13.2	65.8	319
	18-20	100.0	100.0	100.0	97.1	78.3	65.2	44.9	30.4	13.0	68.8	69
	21-23											
	TOTALS	100.0	100.0	99.8	96.5	85.9	70.9	58.2	42.7	23.8	73.5	2157



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO DAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	98.6	97.9	97.2	83.4	60.0	90.4	141
	06-08	100.0	100.0	100.0	99.6	99.1	95.9	85.3	53.3	27.2	82.1	563
	09-11	100.0	100.0	99.6	97.4	84.6	59.2	34.8	16.8	9.0	65.8	546
	12-14	100.0	99.8	98.6	90.2	63.8	39.8	23.0	12.4	7.5	59.2	508
	15-17	100.0	99.7	96.6	84.1	61.6	39.2	27.5	15.1	6.3	58.9	376
	18-20	100.0	100.0	96.4	92.8	72.3	47.0	36.1	18.1	6.0	62.5	83
	21-23											
	TOTALS	100.0	99.9	98.5	94.0	80.0	63.2	50.7	33.2	19.3	69.8	2223

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,8C-86  
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-01	100.0	100.0	100.0	100.0	100.0	100.0	99.3	90.5	72.1	93.3	147
	03-05	100.0	100.0	100.0	99.8	99.6	98.9	96.1	78.0	46.8	88.3	560
	06-08	100.0	100.0	100.0	99.1	95.3	78.7	56.5	31.1	13.0	72.8	531
	09-11	100.0	100.0	99.4	96.4	83.5	54.1	34.4	17.1	7.5	64.7	521
	12-14	100.0	100.0	100.0	95.6	79.9	55.5	35.7	15.9	5.6	64.5	339
	15-17	100.0	100.0	100.0	97.2	95.8	69.0	49.3	18.3	11.3	69.4	71
	18-20	100.0	100.0	99.9	98.0	92.4	76.0	61.9	41.8	26.1	75.5	2169
	21-23	100.0	100.0	99.9	98.0	92.4	76.0	61.9	41.8	26.1	75.5	2169
	TOTALS	100.0	100.0	99.9	98.0	92.4	76.0	61.9	41.8	26.1	75.5	2169

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	98.5	98.5	91.2	70.1	92.3	137
	06-08	100.0	100.0	100.0	99.2	99.6	98.4	96.4	84.4	55.7	89.8	557
	09-11	100.0	100.0	100.0	99.1	95.5	84.6	65.0	37.9	18.3	75.5	551
	12-14	100.0	100.0	99.8	96.7	84.3	59.6	39.7	21.5	11.2	66.8	517
	15-17	100.0	100.0	100.0	97.8	84.3	59.0	41.0	19.1	9.0	66.4	356
	18-20	100.0	100.0	100.0	100.0	97.2	88.7	69.0	38.0	19.7	76.7	71
	21-23											
	TOTALS	100.0	100.0	100.0	98.9	93.5	81.5	68.3	48.7	30.7	77.9	2189

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 77-78,80-86  
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUP OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	C0-C2											
	C3-C5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		89.0	1
	C6-C8	100.0	100.0	100.0	100.0	99.1	97.3	94.9	81.7	57.3	89.8	546
	C9-11	100.0	100.0	100.0	99.0	94.9	84.2	68.3	44.1	26.4	77.5	526
	12-14	100.0	100.0	99.0	94.0	80.5	58.9	43.6	26.1	13.0	66.9	514
	15-17	100.0	100.0	99.2	96.6	87.4	68.8	48.8	29.7	13.4	70.0	381
	18-20	100.0	100.0	100.0	100.0	97.8	94.4	84.4	52.2	25.6	81.2	90
	21-23											
	TOTALS	100.0	100.0	99.7	98.1	93.3	83.9	73.3	55.6	22.6	79.1	2056

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: 80 BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
NOV	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.8	97.5	95.1	85.5	60.2	90.1	512
	09-11	100.0	100.0	100.0	99.2	97.2	89.3	76.9	62.0	37.2	82.1	497
	12-14	100.0	100.0	99.4	94.7	86.2	70.2	59.1	47.8	28.7	74.0	487
	15-17	100.0	100.0	99.7	97.7	91.6	81.5	66.2	51.3	31.2	77.7	394
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	90.6	67.9	42.5	85.4	106
	21-23											
TOTALS		100.0	100.0	99.8	98.2	95.0	87.7	77.6	62.9	40.0	81.9	1996

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-85  
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
DEC	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.8	99.6	98.6	96.0	86.5	67.4	91.7	503
	09-11	100.0	100.0	100.0	100.0	99.5	96.9	90.5	72.6	51.5	87.4	555
	12-14	100.0	100.0	100.0	99.4	96.7	91.4	76.6	61.5	33.8	82.0	504
	15-17	100.0	100.0	100.0	100.0	98.1	93.0	83.9	68.4	36.7	84.1	373
	18-20	100.0	100.0	100.0	100.0	100.0	97.3	91.8	86.3	64.4	90.4	73
	21-23											
TOTALS		100.0	100.0	100.0	99.8	98.8	95.4	87.8	75.1	50.8	87.1	2013

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-86  
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.9	99.2	97.1	92.0	80.6	65.7	44.8	84.2	2026
FEB		100.0	99.9	99.6	98.7	95.5	90.9	80.7	68.5	44.0	83.3	2024
MAR		100.0	100.0	99.5	96.9	88.8	80.1	66.0	51.3	31.0	77.5	2231
APR		100.0	100.0	99.1	94.1	83.8	75.1	64.2	48.2	30.9	75.3	2011
MAY		100.0	100.0	99.0	93.8	83.6	72.7	61.0	40.8	23.5	72.9	2221
JUN		100.0	100.0	99.8	96.5	85.9	70.9	58.2	42.7	23.9	73.5	2157
JUL		100.0	99.9	98.5	94.0	80.0	63.2	50.7	33.2	19.3	69.8	2223
AUG		100.0	100.0	99.9	98.0	92.4	76.0	61.9	41.8	26.1	75.5	2169
SEP		100.0	100.0	100.0	98.9	93.5	81.5	68.2	48.7	30.7	77.9	2184
OCT		100.0	100.0	99.7	98.2	93.3	83.9	73.2	55.6	22.6	79.1	2056
NOV		100.0	100.0	99.8	98.3	95.0	87.7	77.6	62.9	40.0	81.9	1996
DEC		100.0	100.0	100.0	99.8	98.8	95.4	87.8	75.1	50.8	87.1	2013
TOTALS		100.0	100.0	99.6	97.2	90.6	80.8	69.2	52.9	32.3	78.2	25318

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**PRESSURE SUMMARIES**

**STATION PRESSURE SUMMARIES**

**DATA DERIVED FROM HOURLY OBSERVATIONS.**

**SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).**

**PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.**

**SEA LEVEL PRESSURE SUMMARIES**

**DATA DERIVED FROM HOURLY OBSERVATIONS.**

**SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).**

**PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.**

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FRCH  
MONTHLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 76-78,80-86

POLRS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN SD TOT OBS													
04	MEAN SD TOT OBS													
07	MEAN SD TOT OBS	27.497 .307 174	27.513 .266 178	27.496 .228 195	27.488 .181 180	27.476 .187 192	27.503 .130 191	27.617 .119 188	27.615 .125 187	27.602 .154 186	27.633 .225 182	27.575 .256 171	27.503 .339 183	27.555 .227 2187
10	MEAN SD TOT OBS	27.515 .306 180	27.524 .268 177	27.505 .228 192	27.499 .182 178	27.483 .188 191	27.596 .127 176	27.626 .116 180	27.616 .128 168	27.671 .154 184	27.644 .232 179	27.602 .246 169	27.518 .371 185	27.565 .234 2159
13	MEAN SD TOT OBS	27.509 .306 155	27.513 .264 169	27.496 .228 182	27.483 .178 169	27.474 .184 189	27.582 .134 173	27.618 .114 171	27.605 .126 175	27.652 .153 174	27.613 .237 169	27.590 .244 162	27.499 .359 184	27.552 .228 2152
16	MEAN SD TOT OBS	27.495 .294 137	27.541 .276 118	27.493 .231 140	27.491 .169 77	27.491 .179 85	27.589 .134 93	27.601 .105 112	27.598 .118 105	27.620 .164 122	27.616 .239 138	27.574 .237 138	27.478 .351 137	27.509 .234 1402
19	MEAN SD TOT OBS													
22	MEAN SD TOT OBS													
ALL	MEAN SD TOT OBS	27.504 .303 646	27.521 .268 642	27.498 .224 709	27.490 .179 604	27.479 .185 657	27.587 .131 633	27.617 .115 651	27.610 .125 635	27.654 .156 646	27.627 .233 668	27.585 .246 640	27.501 .356 649	27.556 .231 7800

SUMMARY OF DAY DATA

PERIOD OF RECORD:

\*\*\*\*\* FULL TIME PERIOD: NONE AVAILABLE

\*\*\*\*\* PART TIME PERIOD: SEP 64 - FEB 65, JUN 66 - OCT 66.

\*\*\*\*\* OPERATIONAL 5 DAYS PER WEEK FOR 9 TO 16 HRS/DAY (CLOSED HOLIDAYS)

ALL USERS MUST FAMILIARIZE THEMSELVES WITH CAVEATS PRIOR TO USING OR DISTRIBUTING THIS SUMMARY

- A. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION.
  - B. NOTE THE DAYS STATION IS OPERATIONAL.
  - C. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS WILL NOT REFLECT IN THESE SUMMARIES.
  - D. 24-HR PRECIPITATION (INCLUDING SNOW) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
    - (1) RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
    - (2) THIS "24 HOUR" AMOUNT DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT AMOUNT."
    - (3) A COMBINATION OF THE ABOVE TWO LIMITATIONS EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.
  - E. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOW) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HR VALUES. HOWEVER, EVAPORATION (AND SUBLIMATION) CAN CAUSE "POOPS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS (DIFFERENCES ARE DEPENDENT ON THE LENGTH OF TIME BETWEEN READINGS).
  - F. THE TEMPERATURE SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM OR MINIMUM EXTREMES.
- GRAPHIC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --- "EXTREMES OCCURRING OUTSIDE THIS PERIOD ARE NOT REFLECTED IN THESE SUMMARIES". WE ALSO RECOMMEND LIMITED DISTRIBUTION OF THE PART TIME PERIOD TO METEOROLOGIST (THERMOCHEMISTS), TO BE ACCOMPANIED BY THIS CAVEAT PAGE. PAGES OF DATA SUMMARIZED FOR LIMITED DUTY PERIODS ARE SO STAMPED.

**SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA**

**ATMOSPHERIC PHENOMENA SUMMARY**

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL YEARS AND ALL YEARS COMBINED.

**PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES**

**PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:**

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

**EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES**

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "\*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	"0.00"	EQUALS NONE FOR THE MONTH (HUNDREDTHS)
EXTREME DAILY SNOWFALL:	"0.0"	EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0"	EQUALS NONE FOR THE MONTH (WHOLE INCHES)

#### TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

#### SURFACE WIND SUMMARIES

##### EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968.  
COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

#### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

##### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

**EXTREME MAXIMUM AND MINIMUM VALUES**

**DATA DERIVED FROM SUMMARY OF DAY DATA.**

**PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.**

**ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.**

**AN ASTERISK INDICATES AN INCOMPLETE MONTH.**

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/WAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 68, 71-86  
MONTHS: ALL

MONTH	TSTMS	RAIN E/OR DRIZZLE	FRIZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/ OBS TO VISION
JAN		19.9	1.4	37.0		48.2	44.5	8.1	.3		46.2
FEB		17.8	.9	38.3		47.2	59.1	16.9	.6		42.6
MAR		23.7		29.3		43.4	44.1	22.3			50.3
APR	1.2	35.1		26.4	.3	51.6	43.9	18.6			46.7
MAY	12.0	55.9		2.6	2.3	56.6	35.7	11.4			28.3
JUN	14.2	56.3		.3	3.3	57.1	33.4	13.1			28.2
JUL	13.6	46.6			1.1	46.6	30.4	12.5			24.4
AUG	15.6	42.6		.3	.8	42.6	43.2	19.4			46.4
SEP	3.2	36.7		.6		26.7	51.6	17.9			24.6
OCT	.6	30.7	.3	7.2	.6	31.9	52.6	11.2			25.5
NOV		28.8	.6	26.6	.3	45.8	49.4	8.0	1.1		20.3
DEC		20.7	.9	30.0		40.9	42.1	1.2	.7		42.1
TOTALS	5.0	34.6	.3	16.3	.7	45.7	44.2	13.3	.7		47.3

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 66-86

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.06	.11	.26	.51	1.01	2.51	5.01	10.01	OVER	2 DAYS WITH- MEAS AMTS	TOTAL OBS	MONTHLY	
				TO .05	TO .10	TO .25	TO .50	TO 1.00	TO 2.50	TO 5.00	TO 10.00	TO 20.00	27.00			MEAN	GR
JAN	35.4	14.3	3.0	7.0	5.8	13.6	2.6	5.8	2.3	.2				50.3	469	7.15	1
FEB	42.4	7.8	2.7	10.3	6.3	14.3	8.7	6.3	1.1					49.8	446	4.16	
MAR	38.4	17.7	2.4	5.5	6.7	10.5	9.1	5.3	1.0	.2				44.6	495	2.01	
APR	35.5	14.6	2.4	8.3	4.0	7.8	4.6	8.5	3.5					49.9	459	5.52	
MAY	30.1	13.0	3.7	9.2	6.8	14.7	9.0	9.0	4.0	.4				56.9	455	6.50	
JUN	27.2	10.8	2.6	8.5	5.9	8.7	8.0	4.0	8.8	.6	.2			62.1	493	5.33	1
JUL	35.6	5.4	2.2	8.8	4.7	9.0	9.8	3.3	0.2	1.0	.2			58.5	489	5.54	1
AUG	32.0	8.2	3.7	5.7	6.1	8.6	1.9	2.5	9.8	1.6				59.8	512	6.92	1
SEP	44.0	9.4	3.3	7.1	4.2	7.3	0.2	0.2	3.7	.4	.2			46.7	480	3.61	
OCT	50.7	10.4	2.2	7.0	4.0	5.8	8.8	7.2	3.6	.4				38.9	501	4.55	
NOV	41.2	11.7	3.1	7.0	6.2	9.7	9.5	7.9	3.3	.4				47.1	454	2.84	1
DEC	37.7	13.4	3.5	9.0	6.6	12.5	8.5	4.8	2.8					48.9	456	3.34	
ANN	37.5	11.4	2.9	7.7	5.7	10.5	8.5	8.7	4.6	.4	.0			51.1	5709	68.35	



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 109711 STATION NAME: BO DAKER AAF GERMANY

PERIOD OF RECORD: 66-86

YEAR	24 HOUR AMOUNTS IN INCHES											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
66						1.74	3.20	2.01	1.30	2.12	.77	.88
67	1.05	.43	.84	.91	1.04	1.88	1.00	2.23	.99	1.51	.58	.55
68	2.48	.73	.61	.98	2.84	1.97	1.79	2.11	1.18	1.94	.70	.56
69	1.26	.35	.59	1.17	.67	1.24	1.40	1.40	.45	.72	.87	1.01
70	.44	.98	.41	1.14	.91	1.57	1.77	3.51	1.19	1.39	1.22	.85
71	.24	.75	1.28	1.35	1.55	1.71	1.02	1.72	1.54	.82	.72	.60
72	.15	.39	.39	2.39	.88	2.61	1.44	1.12	1.47	2.60	1.68	.64
73	1.41	.88	1.45	1.60	1.22	2.50	1.27	1.76	1.69	2.31	1.51	.55
74	1.25	1.16	.44	.30	2.45	1.23	2.49	3.01	1.07	1.02	1.55	1.47
75	.22	.23	.24	.77	.93	2.04	1.54	2.02	.64	1.36	.85	1.74
76	1.26	.52	.63	1.07	1.83	3.07	1.28	1.56	1.62	.52	1.30	1.15
77	.88	.83	.58	1.62	.62	1.55	1.21	3.29	1.28	.57	1.28	1.88
78	.51	.69	1.98	1.62	1.64	2.34	3.09	2.65	1.90	2.12	.76	.71
79	.46	.84	2.95	1.82		7.54	2.71	2.23	5.10	1.28	3.09	.76
80	1.01	.74	.81	2.20	1.08	2.58	1.83	1.11	2.48	1.73	.39	1.60
81	.82	.62	.99	.29	1.12	1.11	1.14	2.45	1.89	3.80	2.75	2.40
82	2.02	1.52	.71	.79	2.26	2.12	3.01	1.44	1.16	.63	.87	1.77
83	1.23	1.11	1.33	.76	2.88	1.65	1.17	1.82	.92	1.29	.93	1.57
84	.47	.82	.43	.63	.74	1.49	1.40	3.24	3.04	.67	.42	.44
85	1.02	1.22	1.15	.77	1.22	1.56	1.38	3.31	.90	.71	.76	.58
86	.70	.27	.59	.72	1.22	2.39	2.92	1.78	.55	.76		
PLAN	1.870	.587	.537	1.010		1.863	1.997	1.913	.980	1.390	.730	.643
S.D.									.376	.505	.122	
TOTAL OBS	469	446	495	459	455	493	489	512	480	501	454	456

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 109711 STATION NAME: GO BAKER AAF GERMANY

PERIOD OF RECORD: 66-86

TOTAL MONTHLY PRECIPITATION IN INCHES												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
66						7.74	12.45	10.11	3.27	5.88	3.65	5.01
67	06.04	2.09	06.60	6.16	05.44	10.03	6.29	7.09	4.86	4.54	1.99	3.48
68	10.08	02.12	2.50	2.74	6.58	10.22	9.87	9.24	4.71	5.86	1.22	1.53
69	4.21	1.92	2.32	03.92	02.27	05.75	05.44	10.42	1.67	1.29	4.51	03.84
70	01.40	8.46	3.61	7.67	06.49	05.70	06.91	14.13	03.82	6.51	03.13	03.36
71	0.46	03.60	03.10	03.25	02.62	11.25	04.42	10.74	04.97	01.71	02.62	0.90
72	0.51	0.91	0.87	08.11	03.41	06.69	08.38	04.55	02.43	04.15	09.26	0.43
73	02.86	03.69	03.55	05.52	03.68	08.80	06.17	05.12	05.33	04.58	06.38	03.24
74	03.58	03.75	01.14	01.32	06.77	08.45	11.13	09.61	05.63	06.67	04.23	04.49
75	0.98	0.38	01.56	03.47	03.07	10.00	10.70	07.63	02.72	02.37	04.19	02.14
76	05.67	0.78	01.45	03.82	07.19	06.57	06.55	06.99	06.58	01.63	04.81	03.26
77	03.14	05.10	02.95	08.86	02.30	07.61	06.19	11.21	03.03	01.34	04.64	03.29
78	02.37	03.81	06.12	03.38	05.81	04.90	08.47	08.07	06.86	04.87	01.38	01.49
79	01.43	02.85	05.83	01.56		13.73	07.70	09.15	05.67	01.67	10.17	01.94
80	04.01	02.28	02.09	07.87	03.31	08.56	08.65	03.15	06.66	06.17	01.08	04.88
81	04.43	01.27	03.78	0.75	05.10	05.96	13.87	06.36	06.08	09.63	06.17	06.66
82	06.51	01.99	02.50	03.26	03.34	12.80	08.50	07.75	03.86	02.97	02.91	04.61
83	04.19	02.77	03.26	04.36	06.81	08.29	02.55	11.58	05.20	03.10	02.14	03.17
84	03.09	02.39	01.76	02.40	03.25	06.48	08.53	09.09	09.05	02.82	0.61	0.81
85	03.28	03.74	02.51	02.78	04.83	07.92	06.65	12.18	03.62	01.93	03.25	01.24
86	03.65	0.54	01.77	02.99	06.73	08.04	08.26	08.30	01.15	03.73		
MEAN	7.145	4.157	2.810	5.523		9.330	9.937	8.917	3.610	4.550	2.943	3.340
S.D.									1.520	2.323	1.505	
TOTAL OBS	469	446	495	459	455	493	489	512	480	501	454	456

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 67-86

MONTH	AMOUNTS IN INCHES														2 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY	
	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	MEAN			GR	
JAN	99.0	12.6	5.7	10.9	4.7	4.0	2.8	4.5	4.3	.4	.4			37.7	470	63.1		
FEB	53.1	12.7	6.7	9.2	4.5	3.6	3.1	4.0	2.5	.7				34.2	448	37.4	6	
MAR	58.8	11.3	4.0	9.9	5.5	2.2	3.4	2.4	2.2	.2				29.9	495	28.5	4	
APR	66.3	10.7	2.6	5.2	4.1	3.7	3.5	2.8	1.1	.4	.2			23.7	460	25.0	4	
MAY	95.9	1.7	.7	.9	.4			.4						2.4	460	2.3		
JUN	99.8	.2													469	TRACE	TP	
JUL	100.0														462	.0		
AUG	99.8	.2													484	TRACE	TR	
SEP	99.6	.4													452	TRACE	TR	
OCT	92.4	3.0	.4	1.3	.6	1.5	.2	.2	.2		.2			4.7	471	2.6	2.	
NOV	69.2	9.6	3.8	4.2	4.2	2.6	1.6	.9	2.8	.7	.2			21.1	426	8.7	3'	
DEC	55.0	13.1	4.4	9.1	4.0	4.4	3.0	4.0	2.3	.5				31.9	427	26.8	61	
ANN	70.3	6.2	2.4	4.2	2.3	1.8	1.5	1.6	1.3	.2	.1			15.5	5524	195.4		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 67-86

24 HOUR AMOUNTS IN INCHES												
-M-O-N-T-H-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
67	4.3	3.3	8.7	7.7	4.9	.0	.0	.0	.0	TRACE	1.4	7.0
68	19.3	3.0	6.7	5.1	TRACE	.0	.0	.0	.0	.0	.6	2.7
69	13.6	9.4	4.6	7.4	.0	.0	.0	.0	.0	.0	9.6	8.5
70	11.7	9.3	5.0	9.0	4.5	.0	.0	.0	.0	3.1	8.5	11.5
71	2.0	7.9	6.7	2.1	.0	.0	.0	.0	.0	1.9	2.6	TRACE
72	1.5	3.6	3.9	10.5	.0	.0	.0	.0	.0	18.2	7.9	.8
73	12.6	10.9	9.0	6.4	.0	.0	.0	.0	.0	.4	11.2	4.8
74	7.9	7.1	4.4	2.8	.0	.0	.0	.0	.0	6.6	15.4	1.6
75	1.2	7.1	6.5	7.0	.9	TRACE	.0	.0	.0	.0	4.0	5.0
76	2.4	6.0	1.0	1.6	.0	.0	.0	.0	.0	.0	18.0	11.0
77	5.5	.3	4.0	4.3	.0	.0	.0	.0	.0	.0	11.0	2.0
78	.0	14.0	8.5	3.0	.1	.0	.0	TRACE	TRACE	.0	9.1	1.6
79	5.3	4.0	8.1	14.0	.0	.0	.0	.0	.0	.0	6.5	6.3
80	7.4	.4	2.7	22.0	TRACE	.0	.0	.0	.0	.0	2.0	14.8
81	9.0	5.5	5.0	1.4	TRACE	.0	.0	.0	.0	5.5	4.5	5.8
82	16.0	2.0	6.0	6.0	.0	.0	.0	.0	.0	.0	3.0	11.0
83	5.5	5.5	2.0	4.5	.0	.0	.0	.0	.0	.0	3.0	5.0
84	6.8	7.0	7.5	2.3	TRACE	.0	.0	.0	TRACE	.0	TRACE	1.3
85	9.5	6.2	14.0	5.3	1.0	.0	.0	.0	.0	.0	10.0	4.5
86	9.0	7.2	3.0	4.0	.0	.0	.0	.0	.0	TRACE		
MEAN	13.73	7.33	5.43	7.27	2.45	.00	.00	.00	.00	.78	3.87	7.85
S.D.										1.550		
TOTAL OBS	470	448	495	460	460	469	462	484	452	471	426	427

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 67-86

TOTAL MONTHLY SNOWFALL IN INCHES												
-M-O-N-T-H-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
67	42.6	8.5	47.1	30.5	6.5	.0	.0	.0	.0	TRACE	2.1	33.9
68	109.3	10.6	26.5	9.5	TRACE	.0	.0	.0	.0	.0	.8	15.7
69	37.5	34.2	19.4	26.2	.0	.0	.0	.0	.0	.0	23.3	36.5
70	45.6	69.5	39.5	34.9	7.2	.0	.0	.0	.0	10.2	13.2	23.2
71	13.8	44.3	28.5	2.1	.0	.0	.0	.0	.0	1.5	5.1	TRACE
72	46.2	4.4	4.8	20.9	.0	.0	.0	.0	.0	22.9	35.4	.8
73	21.6	47.2	34.4	37.2	.0	.0	.0	.0	.0	.4	34.7	36.5
74	14.5	23.9	6.4	7.7	.0	.0	.0	.0	.0	19.2	35.8	27.5
75	2.1	9.0	24.7	23.2	.9	TRACE	.0	.0	.0	.0	8.1	5.3
76	6.4	7.3	1.0	2.8	.0	.0	.0	.0	.0	.0	25.0	23.8
77	27.5	.6	6.0	22.5	.0	.0	.0	.0	.0	.0	21.0	4.2
78	25.6	45.3	16.6	3.0	.1	.0	.0	TRACE	TRACE	.0	16.5	2.0
79	21.8	10.3	20.0	17.2	.0	.0	.0	.0	.0	.0	14.7	14.0
80	19.8	.4	8.4	41.1	TRACE	.0	.0	.0	.0	.0	3.6	41.3
81	46.3	9.2	7.3	1.4	TRACE	.0	.0	.0	.0	11.5	11.1	66.6
82	33.3	4.6	12.8	13.0	.0	.0	.0	.0	.0	.0	4.8	16.6
83	11.9	16.2	4.6	6.4	.0	.0	.0	.0	.0	.0	3.5	12.6
84	23.3	24.6	16.4	7.9	TRACE	.0	.0	.0	TRACE	.0	TRACE	2.0
85	38.0	15.5	31.5	11.3	1.8	.0	.0	.0	.0	.0	23.1	5.9
86	35.4	13.3	7.6	10.0	.0	.0	.0	.0	.0	TRACE		
MEAN	63.13	37.40	28.47	24.97	3.25	.00	.00	.00	.00	2.55	8.73	26.80
S.D.										5.100		
TOTAL OBS	470	448	495	460	460	469	462	484	452	471	426	427

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MPC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 1C9711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 64-65, 67-86

MONTH	AMOUNTS IN INCHES													3 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY MEAN GR	
	NONE	TRACE	1	2	3	4 6	7 10	13 10	25 36	37 48	49 60	61 120	OVER 120				
JAN	16.9	3.6	2.6	3.6	5.6	15.5	31.0	20.2	.8					79.4	496		
FEB	21.9	3.0	3.0	4.2	5.1	13.0	32.1	12.1	4.7	.6	.4			75.2	471		
MAR	45.1	7.6	6.4	3.0	4.8	9.1	10.1	11.7	2.2					47.3	497		
APR	76.3	4.1	5.0	4.1	3.7	4.5	1.7	.6						19.6	464		
MAY	99.1	.4	.4											.4	466		
JUN	100.0														473		
JUL	100.0														467		
AUG	100.0														488		
SEP	100.0														468		
OCT	97.0	.6	.4	1.4	.4	.2								2.4	494		
NOV	74.2	4.0	5.1	2.2	2.7	5.1	5.6	1.1						21.9	450		
DEC	31.9	4.3	11.6	5.0	4.7	16.6	15.9	9.9						63.8	464		
ANN	71.9	2.3	2.9	2.0	2.2	5.3	8.0	4.6	.6	.0	.0			25.9	5698		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 109711 STATION NAME: BO DAKER AAF GERMANY

PERIOD OF RECORD: 64-65, 67-86

DAILY SNOW DEPTH IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
64									*0	*0	*3	*10	
65	*16	*50											
67	12	5	7	5	0	0	0	0	0	0	0	9	
68	32	*16	14	4	0	0	0	0	0	0	1	11	
69	24	30	*7	*5	*0	*0	*0	0	0	0	14	*22	
70	*19	23	30	11	*1	*0	*0	*0	*0	2	*1	*14	
71	*12	*19	*24	*TRACE	*0	*0	*0	*0	*0	*0	*4	*3	
72	*3	*3	*TRACE	*3	*0	*0	*0	*0	*0	*2	*15	*4	
73	*16	*20	*20	*8	*0	*0	*0	*0	*0	*0	*17	*21	
74	*5	*9	*6	*1	*0	*0	*0	*0	*0	*4	*10	*8	
75	*1	*6	*7	*8	*0	*0	*0	*0	*0	*0	*4	*6	
76	*13	*6	*TRACE	*4	*0	*0	*0	*0	*0	*0	*4	*15	
77	*20	*6	*6	*10	*0	*0	*0	*0	*0	*0	*10	*7	
78	*12	*20	*11	*2	*TRACE	*0	*0	*0	*0	*0	*11	*10	
79	*15	*3	*13	*14		*0	*0	*0	*0	*0	*9	*6	
80	*16	*6	*3	*24	*TRACE	*0	*0	*0	*0	*0	*2	*17	
81	*22	*19	*10	*1	*0	*0	*0	*0	*0	*3	*6	*21	
82	*27	*14	*7	*7	*0	*0	*0	*0	*0	*0	*3	*12	
83	*7	*9	*1	*1	*0	*0	*0	*0	*0	*0	*4	*9	
84	*7	*10	*15	*2	*0	*0	*0	*0	*0	*0	*0	*1	
85	*16	*8	*10	*2	*1	*0	*0	*0	*0	*0	*12	*5	
86	*9	*13	*11	*4	*0	*0	*0	*0	*0	*0			
MEAN	22.7	19.3	17.0	6.7	.0	.0	.0	.0	.0	.5	5.0	10.0	
S.D.										1.000			
TOTAL OBS	496	471	497	464	466	473	467	488	468	494	450	464	

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 109711 STATION NAME: BO BAKER AAF GERMANY

PERIOD OF RECORD: 71-96

DAILY PEAK GUSTS IN KNOTS												
-M-O-N-T-H-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
71												
72	19* 26	20* 33	29* 40	28* 36	27* 36	20* 29	27* 40	28* 32	9* 19	20* 28	27* 35	27* 37
73	27* 29	27* 36	29* 28	26* 30	28* 35	30* 30	29* 27	11* 21	30* 28	29* 30	27* 41	28* 24
74	28* 44	28* 50	29* 28	5* 28	28* 39	30* 30	29* 30	28* 36	27* 36	27* 36	29* 39	27* 40
75	25* 35	29* 36	27* 33	28* 30	10* 27	20* 26	29* 34	32* 30	32* 40	30* 21	30* 37	23* 21
76	27* 50	20* 29	26* 32	7* 27	30* 21	28* 34	27* 33	36* 24	31* 21	28* 27	19* 27	31* 42
77	26* 22	27* 33	29* 35	32* 31	15* 26	27* 25	29* 26	9* 20	32* 20	26* 25	28* 68	27* 50
78	27* 50	27* 34	28* 44	35* 30	28* 31	24* 31	32* 40	28* 45		26* 18	2* 14	29* 36
79	28* 26	21* 19	25* 33	27* 24		21* 25	20* 21	33* 46	9* 17		29* 33	33* 50
80	20* 28	27* 44	25* 26	27* 33		30* 28	27* 39	27* 37	28* 30	27* 33	27* 28	25* 46
81	26* 35	27* 29	27* 37	19* 29	27* 28	29* 30	27* 22	30* 23	29* 24	29* 38	27* 32	24* 50
82	26* 33	28* 22	25* 41	26* 35	25* 35	26* 27	10* 22	31* 36	30* 16	26* 25	27* 24	27* 40
83	26* 35	27* 37	26* 26									
84										13* 18		
85		33* 8	6* 17	21* 35	28* 28	29* 30	28* 23	29* 36	25* 19	27* 24	27* 26	27* 26
86	30* 40	7* 19	26* 46	25* 20	26* 35	30* 30	25* 24	28* 27	32* 35	33* 48		
MEAN												
S.D.												
TOTAL OBS	278	277	311	265	257	280	277	283	243	278	259	284

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 1C9711

STATION NAME: BO DAKER AAF GERMANY

PERIOD OF RECORD: 71-8

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
GE 95						.3	1.7	.3				
GE 90						.6	4.0	1.4	.3			
GE 85					1.7	8.1	18.5	15.3	3.2	.3		
GE 80					7.2	23.4	41.8	32.0	15.0	3.2		
GE 75			1.1	4.3	19.2	40.1	60.8	50.8	29.3	9.2	.3	
GE 70			2.9	11.0	34.1	56.3	74.1	70.5	45.2	17.8	2.9	
GE 65		.3	11.7	25.2	60.7	72.4	86.1	86.6	68.6	37.1	9.9	
GE 60		1.8	20.5	41.4	73.9	86.6	95.2	95.4	82.7	51.1	20.5	1.5
GE 55	5.0	11.0	37.8	55.4	89.4	94.4	99.4	99.5	93.3	67.2	32.4	8.4
GE 50	15.1	21.4	52.9	68.1	95.7	99.2	100.0	100.0	78.8	43.7	43.6	20.1
GE 45	21.1	31.5	66.2	80.6	99.1	100.0			100.0	92.4	57.1	34.7
GE 40	33.8	59.9	86.7	96.5	100.0					99.4	79.5	61.6
GE 35	74.5	81.9	96.3	100.0						100.0	92.3	82.4
GE 30	87.1	91.1	97.3								97.8	92.0
GE 25	93.0	97.0	98.9								99.4	97.8
GE 20	96.6	99.1	99.5								100.0	100.0
GE 15	98.0	100.0	100.0									
GE 10	99.7											
GE 5	100.0											
GE 0												
MEAN	24.9	36.8	45.4	51.2	61.0	66.2	71.0	69.7	63.9	54.9	43.8	37.0
SD	9.672	9.007	10.653	10.789	9.374	9.791	9.542	8.615	9.307	10.316	11.154	8.564
TOTAL OBS	357	337	376	345	349	359	352	366	341	348	312	323

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 1C9711

STATION NAME: DO BAKER AAF GERMANY

PERIOD OF RECORD: 71-86

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
GE 69					.6	2.8	1.1		.9	.3		
GE 60				.9	5.7	22.0	39.2	34.2	10.3	1.1	.3	
GE 55			1.9	2.0	15.0	51.0	75.9	71.0	52.6	4.0	2.6	.3
GE 50	.3		3.5	6.7	41.3	76.3	94.9	92.3	56.3	14.4	4.2	.9
GE 45	2.5	.6	7.2	17.1	66.5	92.8	98.6	98.6	76.8	35.7	9.9	2.2
GE 40	12.3	8.9	25.8	43.5	90.8	99.7	100.0	100.0	94.7	69.3	29.5	16.1
GE 35	18.8	16.3	36.2	57.7	94.8	100.0			97.7	75.3	40.4	23.2
GE 30	30.0	29.4	57.2	78.3	98.9				99.1	86.3	61.9	44.3
GE 25	51.5	49.9	79.5	95.4	99.7				99.7	97.4	83.3	58.2
GE 20	66.7	69.1	88.6	99.7	100.0				100.0	100.0	91.7	70.3
GE 15	77.3	82.2	94.1	100.0							96.5	81.7
GE 10	83.2	88.4	97.6								98.1	92.6
GE 5	91.9	94.7	98.7								99.4	96.0
GE 0	95.8	98.5	99.5								100.0	99.1
GE -5	97.8	99.4	100.0									99.7
GE -10	98.9	100.0										100.0
GE -15	99.4											
GE -20	100.0											
MEAN	72.2	22.9	29.5	34.2	43.0	48.9	52.6	52.0	45.5	37.6	30.8	25.0
SD	11.651	9.691	8.612	6.367	6.474	5.803	5.112	5.406	6.664	6.957	8.126	10.288
TOTAL OBS	357	337	376	345	349	359	352	366	341	348	312	323

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFIP WEATHER SERVICE/WDIC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 109711

STATION NAME: DO BAHN AAF GERMANY

PERIOD OF RECORD: 71-86

TEMP(°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
GE 0C							.6					
GE 75							1.1	.8				
GE 70					.3	3.6	10.8	6.8	.6	.3		
GE 65				.3	3.4	16.7	37.5	27.6	9.1	.7		
GE 60			.8	1.2	16.3	45.1	68.5	61.7	75.8	3.2	1.0	
GE 55			2.4	6.4	37.2	67.1	86.6	86.1	53.1	14.1	2.6	
GE 50			9.3	21.7	61.9	86.6	96.9	98.6	76.8	36.9	7.1	.6
GE 45	3.1	1.5	19.4	42.6	88.8	97.2	100.0	99.7	93.5	59.8	21.5	4.6
GE 40	12.3	11.6	42.3	63.5	97.4	100.0		100.0	99.4	81.3	42.0	15.5
GE 35	20.0	32.9	65.7	88.5	100.0				100.0	96.3	64.1	39.0
GE 30	52.4	58.8	86.4	98.8						59.7	82.1	41.6
GE 25	73.1	78.3	94.1	100.0						100.0	92.0	77.1
GE 20	82.6	89.0	97.3								98.1	90.4
GE 15	91.6	93.5	98.7								99.7	96.3
GE 10	93.3	98.5	99.5								100.0	99.4
GE 5	97.8	100.0										100.0
GE 0	99.2		100.0									
GE -5	99.4											
GE -10	100.0											
MEAN	28.8	30.2	37.8	43.0	52.3	57.8	62.1	61.1	55.0	46.5	37.6	31.3
SD	9.927	8.305	8.628	7.536	6.790	6.902	6.374	5.781	6.820	7.346	8.539	8.584
TOTAL OBS	357	337	376	345	349	359	352	366	341	348	312	323

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/WAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 10711 STATION NAME: GO BAKER AFB GERMANY

PERIOD OF RECORD: 71-86

UNITS: DEGREES FAHRENHEIT												
-M-D-N-T-M-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
71	51	48	53	71	82	73	84	84	73	69	62	51
72	46	57	48	48	71	88	82	89	73	64	62	48
73	44	48	55	66	78	84	88	82	84	69	62	50
74	53	60	73	68	71	77	82	89	83	51	66	53
75	55	53	57	71	88	78	86	82	87	71	62	48
76	53	59	62	69	73	82	87	73	77	75	60	44
77	48	51	66	68	78	84	88	77	78	77	64	51
78	44	53	68	60	73	78	82	69	77	69	59	55
79	33	50	66	66		82	73	88	73	77	54	57
80	50	54	57	67	70	91	79	84	81	72	61	48
81	39	48	72	72	75	84	78	82	84	82	68	50
82	48	55	55	70	79	82	88	84	79	70	64	57
83	57	59	63	72	79	84	99	91	77	75	70	57
84	50	48	63	72	72	82	99	82	77	72	66	54
85	48	54	57	73	77	81	88	86	81	77	61	59
86	48	37	66	72	81	81	84	84	79	72		
MEAN												
S.D.												
TOTAL OBS	757	337	376	345	349	359	352	366	741	748	312	323

NOTES: \* BASED ON LESS THAN FULL MONTHS  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/WAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 109711 STATION NAME: GO BAKER AFB GERMANY

PERIOD OF RECORD: 71-86

.....												
HOLE DEGREES FAHRENHEIT												
-W-O-R-T-H-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
71	-7	06	0-5	026	037	042	044	040	030	024	017	019
72	012	010	021	024	033	039	044	039	024	024	01	010
73	00	010	00	019	031	042	044	046	037	021	019	00
74	021	015	024	026	030	037	040	046	037	024	024	012
75	021	012	019	021	033	035	044	040	046	026	03	00
76	0-14	015	012	023	024	039	046	042	032	020	020	0-0
77	00	015	015	021	033	037	044	044	033	030	014	05
78	00	06	023	023	032	041	044	037	039	015	023	01
79	0-7	05	026	026		042	046	046	030	025	021	021
80	00	010	012	023	028	036	037	036	036	025	016	0-9
81	0-4	00	021	027	034	043	046	043	037	020	09	012
82	00	09	019	027	030	043	046	045	037	020	024	014
83	014	00	019	030	034	034	046	041	034	027	09	00
84	05	0-4	09	021	025	037	039	043	037	027	019	09
85	0-20	0-9	07	021	030	036	043	037	036	023	010	09
86	00	0-0	021	021	036	036	039	043	030	025		
.....												
MEAN												
S.D.												
TOTAL OBS	357	337	376	345	349	359	352	366	341	340	312	323
.....												

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
0 (AT LEAST ONE DAY LESS THAN 24 OBS)

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